Diplóma í Rafiðnfræði

Borholuhús Elliðaárdal

RV-41

Arnþór Tryggvason

Valgarður Daði Gestsson

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IÐN- OG TÆKNIFRÆÐIDEILD

DEPARTMENT OF APPLIED ENGINEERING

Heiti verkefnis:

Borholuhús Elliðaárdal

Námsbraut:

Rafiðnfræði

Tegund verkefnis:

Lokaverkefni í Rafiðnfræði

Önn:

Haust

Námskeið:

RI LOK1006

Höfundar:

Arnþór Tryggvason
Valgarður Daði Gestsson

Umsjónarkennari:

Guðmundur Kristjánsson

Leiðbeinandi:

Þorkell Már Hreinsson

Fyrirtæki/stofnun:

Verkís
ON

Ágrip:

Hönnun raflagna og stýringa borholuhús í Reykjavík ásamt forritun iðntölvu og aðgerðaskjás.
Borholuhúsið er staðsett í Elliðaárdal í Reykjavík og er notað til að dæla heitu vatni inn á safnæð til að auka toppálag yfir köldustu mánuðina. Ein dæla er í húsinu og er henni stjórnað af tíðnibreyti sem er stýrður eftir regli sem stjórnast af rennsli vatns í framrás. Skynjarar svo sem þrýsti-, hita- og rennslisskynjarar koma fram á skjámynd o.fl.

Dagsetning:

29.11.2019

Lykilorð íslensk:

Iðntölvur
Forritun
KKS kóði

Lykilorð ensk:

PLC
Programming
KKS coding

Dreifing:
opin X **lokuð** ☐ **til:**

Efnisyfirlit

1 Formáli

Forsaga þessa verkefnis er að annar skýrsluhöfunda er í vinnu hjá Orku Náttúrunnar (hér eftir nefnt ON) og lagði hann inn fyrirspurn hjá forsvarsmönnum fyrirtækisins hvort þeir væru með tillögu að lokaverkefni í Rafiðnfræði hjá Háskólanum í Reykjavík (hér eftir nefnt HR). Tillaga þeirra að verkefni fyrir ON var að hanna raf- og stýringarkerfi á borholuhúsi í eigu Veitna sem staðsett er í Elliðarárdal. Tillagan þótti góð áskorun og var fallist á að vinna verkefnið.

Eftir að vinna við verkefnið hófst kom fljótlega í ljós að erfitt var að vinna verkefnið út frá viðmiðum Veitna þar sem skýrsluhöfundar voru ekki í þeirri aðstöðu að hafa aðgang að lykilupplýsingum um þann búnað og kóðakerfi sem Veitur nota. Ráðningarsamband annars skýrsluhöfundar hjá ON breyttu engu þar um þar sem Veitur er systurfyrirtæki ON og upplýsingagjöf því torveld. Skýrsluhöfundar tóku því þá ákvörðun að velja búnað í verkefnið sem þeir þekkja og hafa lært á undanfarin ár í námi sínu í HR enda hefur val á búnaði engin raunveruleg áhrif á úrvinnslu verkefnisins sem slíks þar sem um er að ræða jafngilda hönnun. Þar með geta skýrsluhöfundar komið því til skila að þeir hafa þekkingu og skilning á viðfangsefni verkefnisins sem er hönnun á raf- og stýringakerfi í borholuhúsi.

Til að skilgreina verkefnið enn frekar hafa skýrsluhöfundar hagað allri hönnun og þar með talið vali á búnaði með þeim hætti að miða við þá tilhögun sem ON hefur á rekstri virkjanna sinna, þ.e.a.s. ON reki borholukerfi fyrir höfuðborgarsvæðið og selji Veitum heita vatnið sem íbúar höfuðborgarsvæðisins fá afhent gegn gjaldi.

Það er mat skýrsluhöfunda að þær breytingar sem gerðar voru á verkefninu eftir að úrvinnsla þess hófst hafi verið bæði til gagns og til bóta. Hönnunargögnin sem unnið var með í verkefninu bættu klárlega við þá þekkingu sem hafði verið aflað í náminu í HR og jafnframt varð verkefnið raunsannara sem ekki hefði orðið ef tekið hefði verið mið af þeim stjórnbúnaði sem notaður er í dælustöðvum Veitna.

Við viljum byrja á því að þakka leiðbeinandanum okkar Þorkel Má Hreinssyni fyrir hjálpina við gerð þessa verkefnis, alltaf hægt að leita til hans eftir svörum og góðum athugasemdum. Einnig viljum við þakka fjölskyldum okkar fyrir að lesa verkefnið yfir og gefa nytsamlega punkta á

uppsetningu og frágang verkefnisins. Birgjar og aðrir sérfræðingar sem var leitað til vegna upplýsinga um búnað eða verð eiga þakkir skildar og síðast en ekki síst eiga Orka Náttúrunnar og yfirmenn þar miklar þakkir fyrir að hjálpa til við að finna verkefni.

2 Inngangur

Verkefni þetta varðar hönnun á kerfi til að nota við rekstur á borholu eftir heitu vatni. Gengið er út frá því í hönnuninni að rekstur borholunnar sé í umsjá Orku Náttúrunnar (ON).

Forsendur verkefnisins eru eftirfarandi:

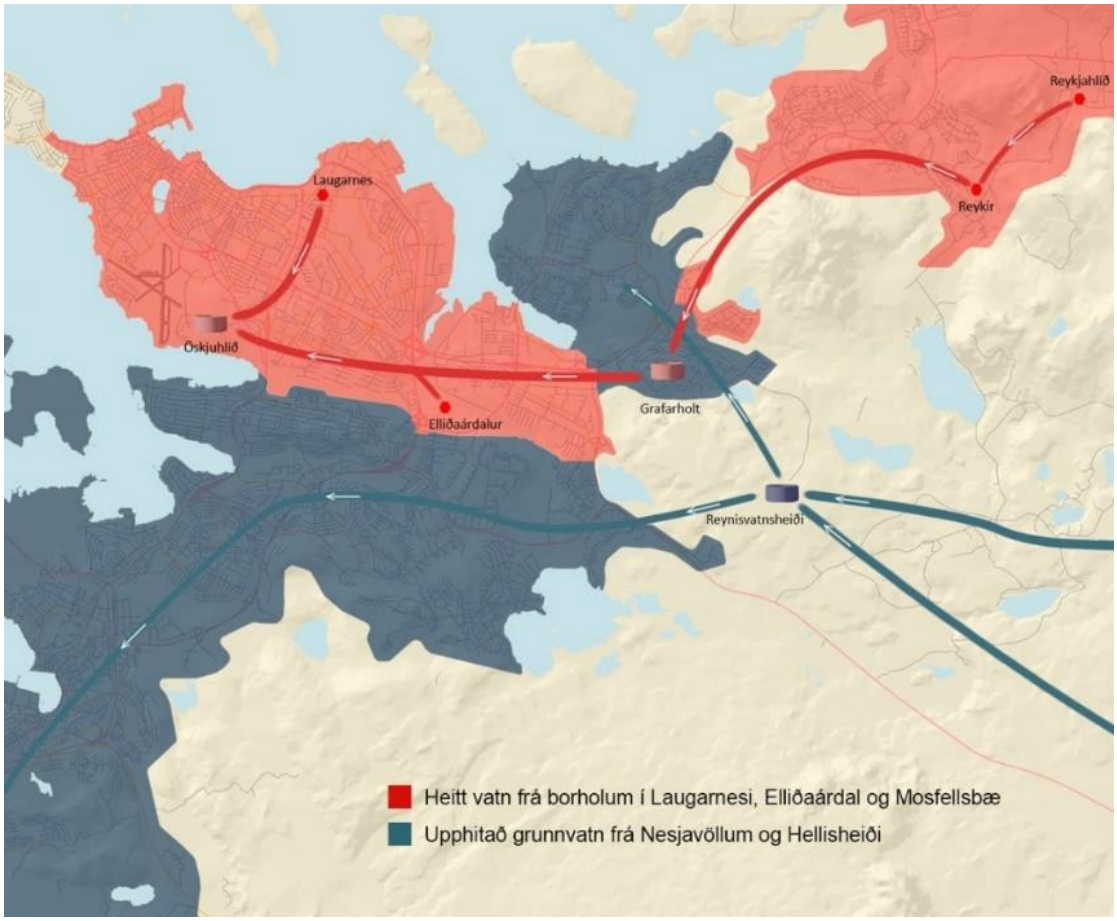
- Verkkaupi er Orka Náttúrunnar (ON)
- Útbúa raflagnateikningar fyrir húsið, afstöðumynd, einlínumyndir (töfluskápur og stjórnskápur) og lagnaleiðir.
- Velja allan búnað með tilliti til krafna sem fram koma í reglugerðum og stöðlum.
- Útbúa kerfismynd og skjámyndakerfi.
- Útbúa stýringu fyrir iðntölvu og forritun.
- Reikna út aflnotkun, skammhlaupsstrauma, spennufall og stærð á strengjum út frá aflnotkun.
- Leggja fram kostnaðaráætlun og magntöku á búnaði.

Orka Náttúrunnar varð til við uppskiptingu Orkuveitunnar 2014. ON leggur áherslu á að framleiða og selja rafmagn á ábyrgan og umhverfisvænan hátt til allra landsmanna ásamt því að framleiða heitt vatn fyrir höfuðborgarsvæðið. ON rekur þrjár virkjanir; Hellisheiðarvirkjun og Nesjavallavirkjun þar sem heitt vatn og rafmagn er framleitt og Andakílsárvirkjun í Borgarfirði sem er vatnsaflsvirkjun sem framleiðir rafmagn (Orka Náttúrunnar, e.d.).

Þetta verkefni fjallar um hönnunarferli á raflögnum og stýringum fyrir borholuhús ON í Elliðaárdal. Borhola RV-41 hefur staðið ónotuð frá 1984 vegna þess hve lítið afl hún gaf af sér og af þeim sökum hefur ekki þótt ástæða til að bæta henni við inn á hitaveitukerfi höfuðborgarsvæðisins. Í ljósi aukinnar eftirspurnar eftir lághitavatni á höfuðborgarsvæðinu og til að auka afhendingaröryggi á heitu vatni var óskað eftir því að unnin yrðu hönnunargögn til að koma þessari borholu inn á safnæð svo unnt væri að nýta holuna í svonefnt toppafl. Það á við þegar mest þörf er á heitu vatni, þ.e. á köldustu tímunum og þegar aukin þörf er á heitu vatni í ákveðnum hverfum höfuðborgarsvæðisins sem nýta eingöngu lághitavatn. Bent er á að uppruni heits vatns á höfuðborgarsvæðinu er tvenns konar; annars vegar er lághitavatn sem kemur beint

úr borholum í Reykjavík og Mosfellsbæ og hins vegar háhitavatn sem er upphitað kalt vatn frá jarðgufuvirkjunum á Hengilssvæðinu. Háhitavatni og lághitavatni má ekki blanda saman en í ljósi þróunnar byggðar á höfuðborgarsvæðinu er aukin þörf fyrir lághitavatn vegna þéttingar byggðar, sérstaklega í eldri hverfum, auk annara þátta (Veitur, 2019a).

Á mynd 1 má sjá kort sem sýnir hvernig dreifingu heits vatns er háttað á höfuðborgarsvæðinu.



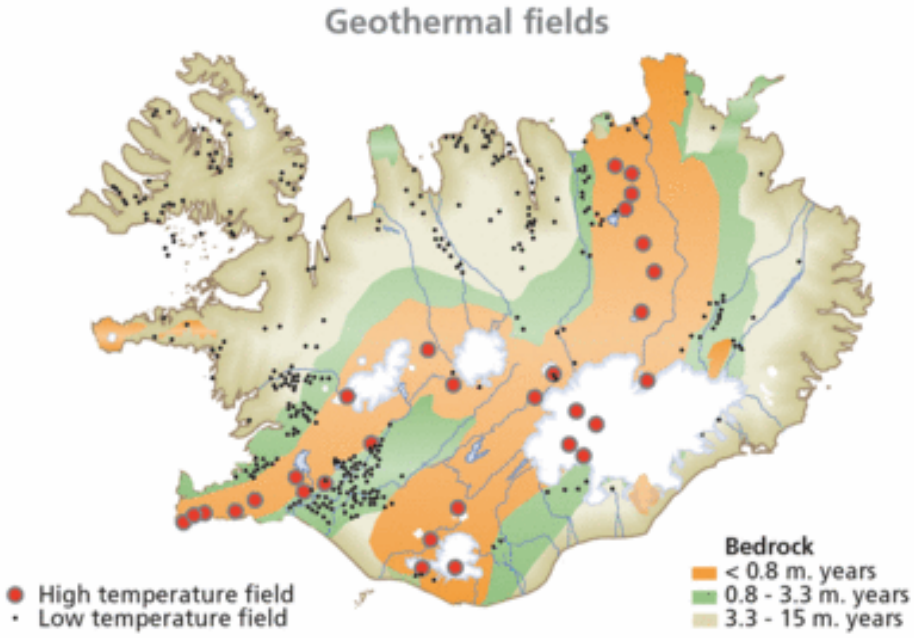
Mynd 1 - Uppruni heita vatnsins á höfuðborgarsvæðinu (Veitur, e.d.-b)

3 Jarðhiti og nýting

3.1 Jarðhitasvæði á Íslandi

Jarðhiti á Íslandi á rætur að rekja til úrkomu sem kemst í snertingu við heitan berggrunn líkt og gerist á flekamótum víðast annars staðar á jörðinni. Heitur bergrunnur tengist eldvirkni en tengslin eru þó mismikil. Mest eru tengsl eldvirkni á háhitasvæðum en þau eru eru öll tengd virkum eldstöðvum og líklegum kvikuinnskotum. Tengsl eru óbeinni á lághitasvæðum, en þar gætir þó áhrifa eldvirkninnar í hitaástandi jarðskorpunnar. Háhitasvæði eru í hinu virka gos- og gliðnunarbelti þar sem hraunkvika er víða á nokkurra kílómetra dýpi. Lághitasvæðin eru í jarðskorpu sem er eldri og hefur kólnað nokkuð um leið og hana hefur rekið til hliðar út frá gosbeltunum (Orkustofnun, e.d.-c).

Á Íslandi er jarðsvæðum skiptu upp í tvo flokka, annars vegar lághitasvæði og háhitasvæði. Sjá meðfylgjandi mynd



Mynd 2 - Há- og lághitasvæði á Íslandi (Orkustofnun, e.d-b.).

3.1.2 Háhitasvæði

Lega Mið-Atlantshafshryggjarins um þvert Ísland skýrir mjög vel meginlínur í dreifingu jarðhitans um landið. Öflugustu háhitasvæðin liggja öll í gosbeltinu eins og perlur þræddar á streng. Þar eru skilyrði sérlega góð til myndunar jarðhitakerfa vegna nægra varmagjafa í formi heitra kvikuinnskota og margsprunginnar og vel vatnsgengrar jarðskorpu. Hringrás vatnsins flytur smám saman varma frá dýpri hlutum skorpunnar upp undir yfirborð þar sem hún þéttir að nokkru leyti yfirborðsjarðlögin með útfellingum og myndar jarðhitageyma eins og þekktir eru frá borunum niður á 1 - 3 km dýpi (Orkustofnun, e.d.-a).

3.1.3 Lághitasvæði

Lághitasvæði eru talin nálægt 250 á landinu. Lághitasvæðin eru misstór, allt frá einstökum volgrum og upp í nokkra tugi uppsprettna. Oft er erfitt að skera úr hvað skuli teljast til eins og sama lághitasvæðis, og geta slíkar skilgreiningar breyst með tímanum og þá eftir því sem þekking eykst á einstökum svæðum. Samanlagt náttúrulegt rennsli lághitasvæða á landinu er lítið ef borið er saman við úrkomuna sem jarðhitavatnið á uppruna sinn að rekja til. Rennslið er tæplega 2.000 L/s og svarar til meðal úrkomu á ári um 34 km^2 svæði, en það er einungis um 1/3000 hluti af flatarmáli landsins. Náttúrulegt vatnsstreymi til yfirborðs með lághitavatninu er um 522 MW, reiknað yfir 15°C hita. Ef einungis er reiknaður varmi yfir 40°C er varmastreymið 255 MW (Orkustofnun, e.d.-c).

3.2 Borholur

Borhola verður til þegar borað er eftir vatni á há- eða lághitasvæði. Borholur eru mikil og dýr mannvirki þó að ekki sjáist mikil ummerki eftir þær á yfirborðinu. Boranir hafa verið gerðar niður á allt að 3000 metra dýpi og pípur lagðar í holur (Samorka, e.d.).

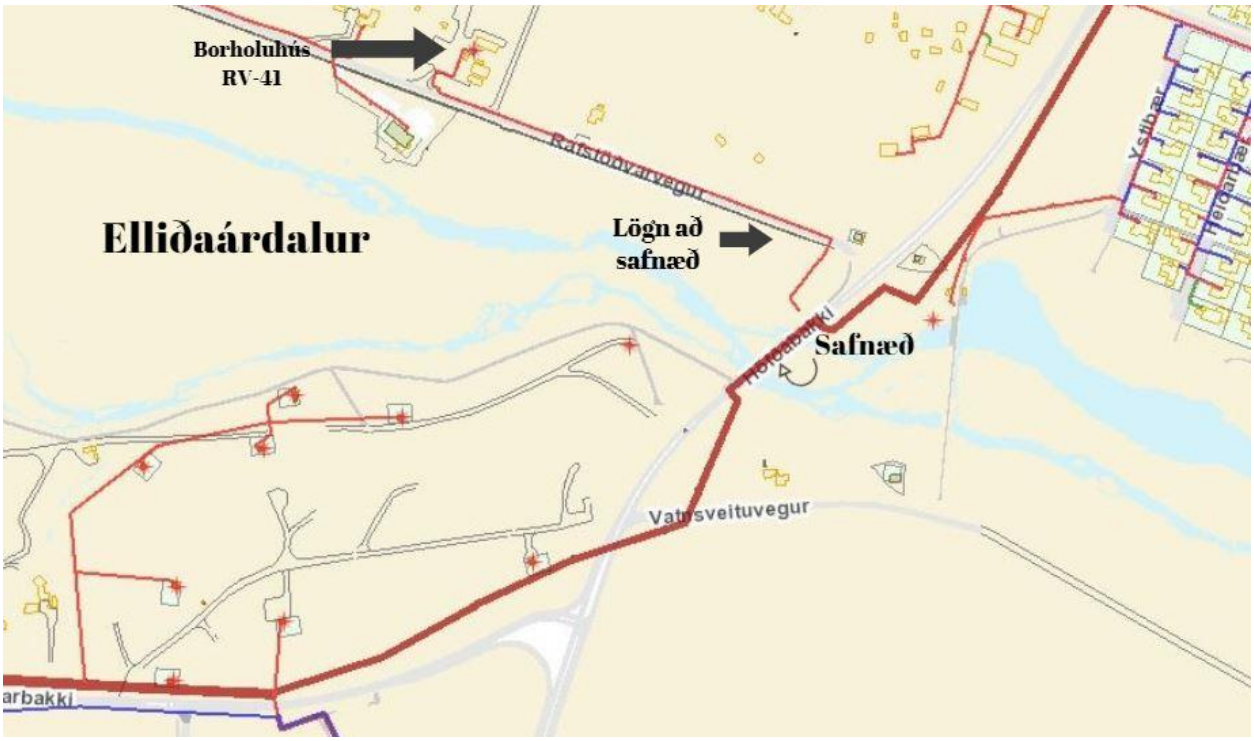
Dreifikerfi hitaveitu felur í sér að vatni er dælt úr borholum í dælustöð og annað hvort í heitavatnstanka eða jafnvel beint til notenda. Umfang dreifikerfa er mjög mismunandi en það fer eftir stærð hitaveitu og einnig svæðisbundnum aðstæðum. Heita vatninu er svo annað hvort dælt til notenda eða er sjálfrennandi til notenda. Bakvatnið, þ.e. vatn sem notandinn hefur nýttt, er oft

nýtt aftur ef kostur er, til dæmis með því að blanda því við heitara vatn til að kæla það (Samorka, e.d.).3.3 RV-41 Borholuhús

Borholuhús RV-41 er staðsett í Elliðaárdal við Rafstöðvarveg. Borholuhúsið fær nafn út frá staðsetningu (Reykjavík) og númer borholu (41). Húsið er eitt rými sem er 11,7 m^2 að flatarmáli. Við miðbik rýmis er dæla. Gryfja fyrir leiðslur frá dælunni er meðfram suðurvegg hússins. Rör frá dælunni liggur því neðanjarðar og utanhúss. Til að koma í veg fyrir ágang og skemmdir eru stálgrindur hafðar yfir gryfjunni innanhúss. Töflu- og stjórnskápar er komið fyrir við vegginn norðanmegin, skynjarar og mælar eru annaðhvort staðsetir á röri sem liggur að safnæð eða á plötu við suðurvegg.

Mynd 3 - RV-41 Borholuhús

Á mynd 4 má sjá staðsetningu borholunnar og einnig má sjá hvar holan tengist safnæð. Rauðar línur tákna lagnir inn á safnæð en þykk rauð lína táknar sjálfa safnæðina.



Mynd 4 - Staðsetning borholu í Elliðarárdal

4 Búnaður

4.1 Kröfur á búnað frá verkkaupa

Við val og hönnun fyrir búnað borholu RV-41 er tekið mið af þeim stjórnbúnaði sem hefur verið notaður í öðrum borholuhúsum Orku Náttúrunnar.

Vél- og hugbúnaður er frá sömu framleiðendum og eru nú þegar í notkun hjá ON og uppbygging stjórnkerfisins er í megindráttum eins og algengast er á vinnslusvæði ON.

Kröfur sem eru gerðar á búnað í borholuhúsum ON eru að allur búnaður uppfylli að minnsta kosti kröfu um vörn gegn aðskotahlutum að lágmarki IP5x og rakavörn að lágmarki IPx4, þar sem mikil gufumyndun getur orðið innanhúss ef lagnir gefa sig.

Sá búnaður sem ekki uppfyllir þessar kröfur skal vera settur í skápa sem uppfylla þessar kröfur og þannig gengið frá öllum búnaði að hann uppfylli þessar kröfur sem verkkaupi setur.

Vegna þess að gastegundin H2S (brennisteinsvetni) kemur upp með jarðhitavatninu í töluverðu magni á vinnslusvæði ON, vill verkkaupi verja sig gegn skemmdum á búnaði af völdum H2S en þessi gastegund veldur lyktarmengun, tæringu á málmum og getur verið hættuleg fólki í mjög háum styrk. Til að verja kapla og víra skulu allar víringar í töflum og tengingar í búnaði vera fortinaðar. Einnig skulu vera þrýstiloftslagnir lagðar inn á töfluskápa til að halda þeim yfirþrýstum svo H2S komist ekki inn í skápana, vegna þess skal vel passað upp á að öll strenggegnumtök séu vel einangruð svo ekki leki loft þar út. Þrýstiloftlagnir eru á svæðinu og verða lagðar inn á töfluskápa með 10mm pípum og haft loftflæði til að mynda yfirþrýsting.

Aflrofar, sjálfvör og kaplar eru valin út frá útreikningum um aflnotkun, spennufall og skammhlaupsstrauma sem koma fram síðar í verkefninu.

Að síðustu gerir verkkaupi kröfur um að hitastig fari ekki undir 5°C eða yfir 45°C í lengri tíma til að vernda búnaðinn. Til að svara þessari kröfu hefur verið bætt við hitablásara sem stýrist af innbyggðum hitanema og loftræstiviftu sem stýrist af iðntölvu.

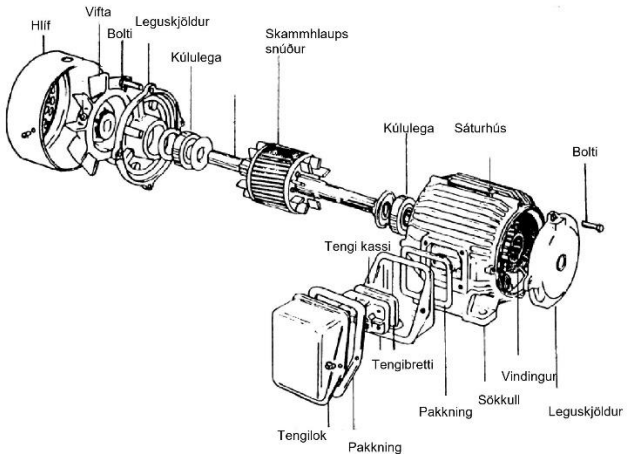
4.2 Upplýsingar um búnað fyrir dælu og mælingar

4.2.1 Mótor

Skammhlaupsmótor er ein merkilegasta uppfinning sögunnar og hefur tilkoma hans haft gríðarleg áhrif á þróun samfélagsins frá átjándu öld og fram til dagsins í dag. Það er um að ræða hvort heldur til að knýja áfram hjól framfara eða til að marka upphaf annarrar iðnbyltingar með hagnýtari orkuframleiðslu og auðveldari dreifingu raforku. Skammhlaupsmótorum má skipta niður í tvo flokka.

1. Samfasa skammhlaupsmótorar
2. Ósamfasa skammhlaupsmótorar

Þessar tvær grunngerðir skammhlaupsmótora hafa það sameiginlegt að báðir mótorarnir hafa sátur sem myndar hverfisegulsvið þegar riðstraumi er hleypt á þá. Þetta afl (hverfisegulsvið) veldur snúningi á skammhlaups snúðnum. Samfasa mótor fær nafnið sitt vegna þess að snúðurinn í mótornum snýst með sama fasa og hverfisegulsviðið, en í ósamfasa motor þá snýst skammhlaups snúðurinn á eftir hverfisegulsviðinu (Sigurður H. Pétursson, 2008).



Mynd 5 -Mynd af uppbyggingu skammhlaups motors (Sigurður H. Pétursson, 2008)

Til að finna út hvaða mótor hentar við uppdælingu á vatni úr borholunni eru nokkrar stærðir ákvarðaðar fyrirfram þar sem skýrsluhöfundar höfðu ekki aðgengi að þeim upplýsingum.

dýpt holunar sé h = 150 metrar

hiti vatns í borholu sé T = 78 °C

Óskgildi rennslis sé $rennsli_{óksg.}$ =40 $^{l}/_{sek}$ = 144000 $^{l}/_{klukkustund}$

Þéttleiki vatns við 78 °C er d = 0,9730366 $^{g}/_{cm^3}$ ≈ 973,04 $^{kg}/_{m^3}$

Til að finna rúmmálsflæði vatns er notuð jafnan

$$Q_{flæði} = \frac{rennsli_{óskg.}}{d}$$

Rúmmálsflæði vatns verður $Q_{flæði}$ = 147,99 $^{m^3}/_{klukkustund}$

Til að finna mismunaþrysting er notuð jafnan

$$\Delta P_a = d \times g \times \Delta h$$

Mismunaþrystingurinn verður ΔP_a =14,378 bar ≈ 1400000 $^{N}/_{m^2}$

Til að finna fræðilega aflið sem þarf til að dæla vatnunu uppúr borholunni fæst með jöfnunni

$$P = \Delta P_a \times Q_{flæði}$$

Fræðilega aflið verður þá P = 57,55kW

Af þessum útreikningum má áætla að mótorinn sem verður fyrir valinu í þessu verkefni verður að vera

$$\geq 57{,}55\text{kW}$$

Mótorinn sem var valin í þetta verkefni er 75 kW þrífasa ósamfasa skammhlaupsmótor frá framleiðandanum Sever. Mótor frá þessum framleiðanda var valinn vegna þess að mótorar af

þessari tegund hafa verið notaðir áður og hafa reynst vel. Ástæðan fyrir því að 75 kW mótor var valinn er vegna þess að mótorinn á undan er með afgefið afl uppá 55 kW frá þessum framleiðanda og er þar afleiðandi ekki nógu öflugur.

Type	Output power P_N kW	Rated speed n_N min^{-1}	Efficie-ncy η %	Power factor cos φ	Rated current I_N A	Rated torque T_N Nm	I_L/I_N	T_L/T_N	T_b/T_N	Torque class KR	Moment of inertia J kgm^2	Mass kg
1.ZK 280 S-4	75	1480	93,0	0,86	135	486	7,0	2,4	2,4	16	1,1	545

Mynd 6 - Upplýsingar um mótor úr bæklingi (Sever, e.d.)

4.2.2 Hraðastýring

Skammhlaupsmótorar eru algengir í öllum iðnaði en þeir hafa þó þann ókost hversu vandmeðfarið er að stjórna hraða þeirra af nákvæmi. þ.e.a.s. ekki er hægt að nota venjulegan ósamfasa skammhlaupsmótor ef þörf er á breytilegum hraða og því þarf að útfæra einhverskonar stýriaðgerð sem stjórnar hraðanum. Sú aðferð sem er mest notuð í dag sem hraðastjórnun á mótorum er að notast við tíðnibreyta. Virkni tíðnibreyta er sú að inná þá er tengur riðstraumur einfasa eða þrífasa. allt eftir aðstæðum og kerfi, þar sem nota á viðkomandi tíðnibreyti. Með því að móta jafnspennu með 120° millibili úr innkomandi riðspennu er hægt að stjórna hraðanum með mikilli nákvæmni.

Efirfarandi jafna sýnir tengslin milli synchronous hraða mótors og tíðni

$$n_s = \frac{120 \times f}{\rho}$$

Þar sem

n_s = synchronous hraði (rpm)

f = Tíðni (Hz)

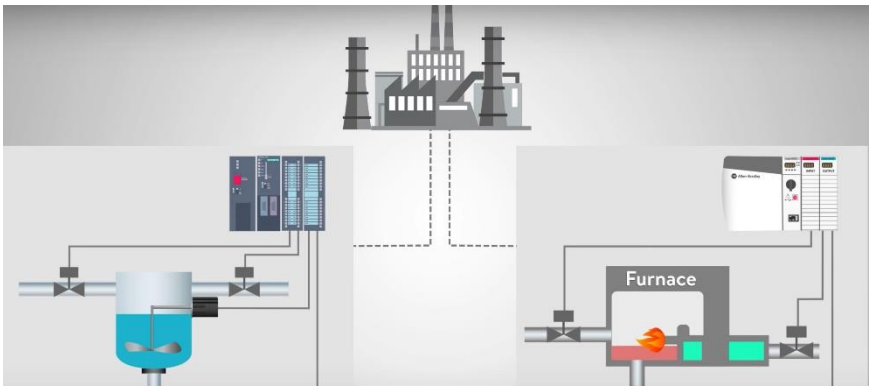
p = fjöldi póla á hverjum fasa

Tíðnibreytar hafa marga aðra kosti. Má þar nefna að hægt er að stilla uppkeyrslu- og niðurkeyrslutíma fyrir mótora til að koma í veg fyrir slit á vélbúnaði vegna mikils skyndiálags sem annars myndi verða á vélbúnaði og þar með koma í veg fyrir snögga hækkun á spennu í rafkerfum. Þrátt fyrir fyrrnefnd atriði þá eru tíðnibreytar dýrir í innkaupum og æskilegt er að gera ráðstafanir vegna truflana sem myndast vegna notkunar á tíðnibreytum s.s. truflanir á tölvusamskiptum og í umhverfinu. Til að draga úr yfirsveiflubjögun [e.Harmonic distortion] sem myndast vegna notkunar tíðnibreytis, þar sem ólínuleg álög bjaga gjarnan sínslögun spennu og straums er notast við innbyggðar varnir tíðnibreytisins við yfirsveiflubjögun og einnig skal nota skermaðan kapal til að lágmarka truflanir í umhverfinu þegar verið er að tengja mótora við tíðnibreyta. Hraðastýringin sem varð fyrir valinu eftir að hafa ráðfært sig við sölumann sem er sérfræðingur í ABB tíðnibreytum er af gerð ABB ACS580-01-145-4+B056. Þetta er þriggja póla tíðnibreytir. Til að tíðnibreytirinn standist kröfur um rakavörn er +B056 einingu bætt við tíðnibreytirinn og þá er rakaheld hlíf utan um tengipunkta inná tíðnibreytirnum. Samskipti frá iðntölvu að tíðnibreytir eru um ljósleiðara [e.ethernet].

4.2.3 Iðntölva

Iðntölva eða PLC tölva (Programmable logic controller) er sérhæfð tölva. Hún er ekki lík né sambærileg við tölvur sem almenningur notar. Iðntölva er það sem kalla má frekar hrá þar sem ekki er hægt að tengja við hana lyklaborð eða mús og geymir hún sérstakan hugbúnað sem er sérstaklega ætlaður fyrir iðnað. Iðntölvur eru notaðar til að auðvelda stýringar og keyrslu á hinum ýmsu vélum. Sérstök forrit og skipanir eru hlaðin inn á iðntölvur sem ætlað er að stýra búnaði. Með tilkomu iðntölva varð mun auðveldara að byggja upp stór stýrikerfi og tiltölulega einfalt að gera breytingar á kerfum. Það þarf ekki að harðvíra allar tengingar heldur virka þær sem minnisbreytur innan iðntölvurnar án endurvíringar.

Það eru nokkuð margir framleiðendur að PLC vélum í heiminum. Helstu framleiðendurnir eru Siemens, Rockwell Automation og ABB. Sumstaðar tíðkast að notast við fleiri en einna gerð af PLC vélum á verkstöðum, sjá mynd 10.



Mynd 7 - Siemens og Allen-Bradley iðntölvur notaðar á sama verkstað.

Þekktasti framleiðandinn þegar kemur að iðnstýringum í heiminum er Siemens. Simenes býður upp mjög breiða línu af iðntölvunum Simatic, nafnið stendur fyrir Siemens Automatic, allt eftir þörfum/kröfum notandans. Einn helsti kostum við Simatic iðntölvurnar eru grunneiginleikar kerfisins sem eru meðal annars Ethernet TCP/IP Easy Connection og PROFINET samskipti. PROFINET er tækni sem sér um gagnasamskipti milli iðntölva og tækja, hvort sem það eru I/0 blokkir eða skynjarar.

Rockwell Automation framleiðir iðntölvur sem nefnast Allen-Bradley. Þær iðntölvur eru einna helst þekktar í Norður-Ameríku. Rockwell Automation framleiðir þó nokkrar línur af iðntölvum allt eftir stærð verkefna. Þar má helst nefna Micro logix, SLC-500 og PAC. PAC línan sem stendur fyrir Programmable Automation Controller er ætluð kerfum að stærra taginu. Kostur við Allen-Bradley iðntölvurnar er að forritið Studio 5000 (uppfærsla af RSLogix 5000) sem notað er við að forrita Allen-Bradley iðntölvur hefur verið við lýði í fjölda mörg ár og hefur af þeim sökum náð að þróast til framfara og er orðið mjög öflugt hvað varðar forritun á iðnstýringum.

ABB með AC 500 línuna sína, býður uppá breiða línu af iðntölvum fyrir bæði smærri verk upp í stærri verk. Kostur við búnað frá ABB er að hverja einingu er hægt að tengja við hvaða iðntölvu sem er í AC 500 línuni. Það gerir það að verkum að við útskipti á tækjabúnaði verður mun auðveldari og í leiðinni ódýrari kostur.

Iðntölvan sem var valin er frá Siemens af gerð Siemens 1515-2 PN með tveimur einingum fyrir stafræna innganga (e. digital input) af gerð DI 16X24VDC BA_1, einni einingu með stafrænum útgöngum af gerð DQ 16X24VDC BA_2. og tvær einingar af hliðrænum inngöngum (e. analog

input) af gerð AI 8XU/R/RTD/TC. Samskipti við kerfiráð verða í gegnum ljósleiðara og PROFINET er notaður til samskipta við inn- og útganga.

Þessi iðntölva varð fyrir valinu til að uppfylla kröfur verkkaupa um að búnaður sem notaður er í borholuhúsinu sé sambærilegur þeim búnaði sem nú þegar er í notkun hjá verkkaupa. En einnig er þessi iðntölva ein af þeim sem skýrsluhöfundar hafa unnið með í námi sínu.

4.2.4 Rennslisskynjari

Rennslisskynjarinn sem varð fyrir valinu er frá Siemens og heitir SITRANS F US SONOFLO. Sonoflo skynjarinn notar hljóðbylgjur til að skynja rennslið. Tveimur skynjurum er komið fyrir á rörið frá dælunni að safnæð og einn 75Ω coax frá hvorum skynjara er tekinn inn á umbreyti sem hægt er að koma fyrir hvar sem er innanhús. 4-20mA merki er svo tekið frá þessum umbreyti inn á I/O einingu iðntölvunnar.

Hér stóð valið aðallega á milli Sonoflo og Magflo skynjurum frá Siemens en ákveðið var að velja Sonoflo af því að þeir skynjarar hafa verið að koma betur út og Magflo skynjararnir hafa bilað meira á lögnum fyrir heitt vatn og gufu.

4.2.5 Þrýstiskynjari

Þrýstiskynjarinn sem valin var er einnig frá Siemens og heitir Sitrans DS III.

Einfaldur þrýstimælir, 10mm stálrör er lagt frá röri eftir dælu og að þrýstimælinum. Það sama gildir með Sitrans skynjarann og Sonoflo flæðiskynjarann að hægt er að koma hausnum á þrýstimælingunni fyrir hvar sem er innanhús svo lengi sem menn leggja og beygja lögnina sem liggur að hausnum. Umbreytirinn í hausnum tekur þrýsting frá 0-16 bör og umbreytir í 4-20mA merki inn á I/O einingu á iðntölvu.

4.2.6 Hitaskynjari á borholu

Hitaskynjarinn sem valinn var til að mæla hitann á borholunni hefði í raun getað komið frá hvaða framleiðanda sem er enda eru PT100 mælingar allar eins í grunninn en ákveðið var að halda sig við Siemens og valinn skynjari sem heitir Siemens QEA 3075.010.

Skynjaranum er komið fyrir á röri frá borholu og stafurinn frá mælingunni liggur í vatninu (flæðinu).

Pt100 mælingar eru alla jafna 3 víra þar sem þriðji vírinn er notaður til að leiðrétta viðnámið í strengnum frá skynjara að ferjaldi sem umbreytir merkinu í 4-20mA. Merkinu er umbreytt úr viðnámsgildi yfir í straumgildi til þess að auðveldara sé fyrir iðntölvuna að lesa úr merkinu.

Pt100 mælingar eru mjög nákvæmar mælingar og mælingin er gerð úr platínu en platína hefur jákvætt viðnámsgildi, það er að viðnám platínu eykst með hærra hitastigi. Pt100 mæling hefur í flestum tilvikum viðnámsgildið 100ohm við 0°C og 138,4ohm við 100°C. 1°C breyting er því 0,384ohm breyting.

4.2.7 Hita og rakaskynjari

Til að mæla hita og raka í borholuhúsinu og koma merki í iðntölvu varð fyrir valinu sambyggður hita og rakaskynjari frá Siemens QAC31.61 vegna þess að það er traustur skynjari sem gefur frá sér bæði gildi fyrir hita og raka á 4-20mA og er með IP65 stuðul. Þessi skynjari verður eingöngu notaður til að sýna hitastig í dæluhúsi og rakastigið notað til að kveikja og slökkva á viftu í dæluhúsinu.

4.2.8 Optískur reykskynjari

Ampac Series 65 Relay

Ampac reykskynjarinn gefur merki inn á iðntölvu þegar hann fer í brunastöðu.

Ástæðan fyrir því að hafa ekki sér brunastöð tengda við kerfi öryggisfyrirtækis (Securitas, Öryggismiðstöðin eða Nortek) er að borholuhús eru á víð og dreif um höfuðborgarsvæðið og hlaupa á tugum talsins. Þar sem ON halda úti stjórnstöð, sem fylgist með kerfunum allan sólarhringinn, getur kallað til bakvakt ef þörf þykir t.d. ef brunaviðvörun kemur á stjórnkerfi. Það er því mun kostnaðarminna að útkallsvaktin geti athugað hvort um raunverulegt brunaútkall er að ræða áður en slökkvilið er kallað út.

4.2.9 Gólfvatnsliði

Grisk 2600 closed loop sensor er hægt að nota inn á hvaða kerfi sem er til að gefa viðvörun, hvort heldur er í iðntölvu, bjöllu o.fl.

Gólfvatnsliðinn er mjög einfaldur í notkun. Honum er komið fyrir rétt ofan við gólf og hann nemur viðnámsbreytingu ef það kemur eitthvað leiðandi milli tveggja pinna á honum, vatn til

dæmis, en hann getur numið vatn frá 1.5mm dýpi. Ef vatn eða annað leiðandi efni léki um liðann þá kemur merki inn á iðntölvu um að leki sé í borholuhúsinu.

4.2.10 Hurðarofi

UTC Fire & Security – DC102 er hægt að nota inn á hvaða kerfi sem er til að gefa viðvörun. Iðntölvu, bjöllu o.fl.

Hurðarofinn er mjög einfaldur í notkun, um er að ræða segul sem er komið fyrir í hurðastaf og á hurð. Viðnámsbreyting sem verður þegar segulinn opnast gefur svo merki á „normal closed snertu“ sem gefur viðvörun inn á iðntölvu.

4.2.11 Mælastöð

Mælastöð frá Siemens. Undirtýpa PAC4200. Mælir raun, laun og sýndarafl, spennu og straum. Fyrir straumspenna 1A og 5A. Spennufæðing 95 – 240VAC / 110 – 340VDC.

4.2.12 Spennugjafi

Spennugjafi, Puls Dimension. Inngangur 100-240VAC/100-330VDC. Útgangur 12-48VDC. Afl 80-480W.

4.2.13 Spennureglir/UPS

DC-UPS control unit. Inngangur 24VDC. Útgangur 24VDC, 20A, 480W. Hleður rafhlöður fyrir varaafl og skiptir yfir á varaafl á nokkrum millisekúndum svo að allur búnaður helst inn þó rafmagn fari af. Virkar líka sem reglir á spennu svo að þó truflanir verði á spennu þá síar spennureglirinn þær truflanir svo síður verða bilanir í búnaði sem er tengdur.

4.3 Upplýsingar um búnað fyrir lýsingu og raflagnir

Mjög einföld raflögn er í borholuhúsinu en fjögur ljós eru til að lýsa upp rýmið og rofar og vinnutenglar. Allar lagnir að ljósum og rofum eru í álrörum og með halogenfría kapla. Töfluskápar, ljós, rofar og tenglar skulu vera að lágmarki með þéttni upp á IP44 ef sú staða kæmi upp að gufuleki yrði frá borholunni og húsið fylltist af gufu án þess að loftræstiviftan réði við að koma gufunni út. Einnig hefur verið bætt við hitablásara til að sjá til þess að hitastig fari ekki undir 5°C yfir köldustu mánuðina þegar holan er ekki í notkun. Hitablásarinn er þá með

innbyggðu thermostati sem ræsir blásarann ef hitinn fer niður fyrir það óskgildi sem thermostatið er stillt á. Mjög líklega mun þessi blásari ganga mjög fáa tíma á ári vegna þess hve mikill varmi er á öllum lögnum frá borholunni sjálfri en það er metið sem svo að nauðsynlegt sé að hafa hann til öryggis og verndunar á búnaði. Samkvæmt reiknivél fyrir ofnastærð á heimasíðu Glen Dimplex (e.d.) þá er mælt með 750W ofni í 12m^2 rými þar sem þessi borholuhús eru ekki einangruð eins vel og íbúðarhús þá hefur verið ákveðið að bæta við 2kW blásara.

4.3.1 Töfluskápar

Hér er ákveðið að hafa töfluskápa í hærri einangrunarflokk til verndunar á þeim búnaði sem inn í þeim er. ABB skápar hafa komið vel út í sambærilegum verkum og SZE2 skáparnir hafa reynst vel þegar útbúa þarf skápa fyrir stýringar.

Tafla T1 +00BFA41

ABB twinline gólfskápur. Varnarflokkur IP55. Tvöföld einangrun. Stærð H1250 x B800 x D275mm.

Tafla A1 +00CTA41

SZE2 gólfskápur með tækjaplötu. Varnarflokkur IP54. Tvöföld einangrun. Stærð H1250 x B600 x D400mm. Sjö tommu skjár af gerð Siemens KTP700 Basic PN verður komið fyrir í hurð töflunar til stýringar og hefur skjárinn samskipti við iðntölvu svo hægt sé að stýra dælunni frá borholuhúsinu.

4.3.2 Ljós

Lúx er mælieining fyrir birtu táknuð með lx. Birta gefur til kynna hve mikið ljósstreymi lendir á ákveðnum fleti. Lúmen er mælieining fyrir ljósflæði táknuð með lm. Ljósflæði er mælikvarði á hve mikið ljós ljósgjafi sendir frá sér.

Ljósin inni eru valin út frá leiðbeinandi birtutöflu frá Vinnueftirliti ríkisins (sjá töflu 3). Þar sem ekki er að finna neinar sérstakar kröfur til bordæluhúsa af þessu tagi var tekin sú ákvörðun að fara eftir almennu yfirliti um ráðlögð birtugildi frá Vinnueftirlitinu (1993). Þessi tafla gefur upp ráðlögð birtugildi í lúxum.

Tafla 1 - Tafla úr leiðbeinandi riti um birtutöflur frá Vinnueftirliti ríkisins (1993)

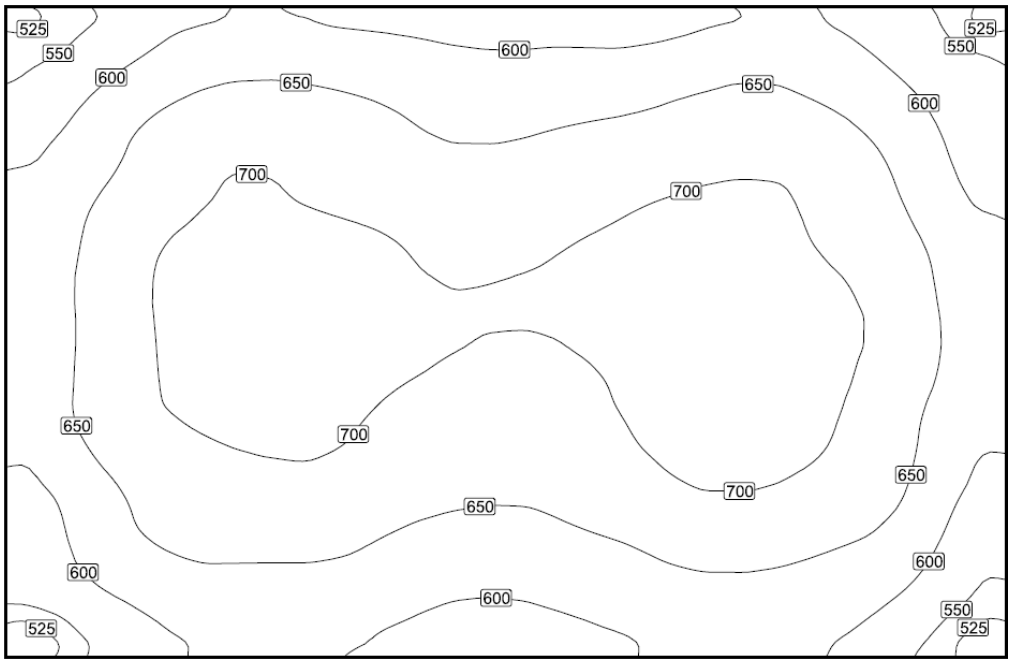
Húsakynni	Tegund vinnu	Ráðlögð birtugildi (lúx) á vinnustöðum (almenn birta innan sviga)	
		Venjulegar aðstæður	Krefjandi aðstæður
Rými sem notað er tiltölulega sjaldan eða þar sem engin stöðug vinna fer fram	Einfaldur umgangur öðru hverju, t.d. í sorpgeymslu, bílskúr	20 - 150	30 - 200
	Slitrótt vinna, t.d. í skjalasafni, við flutningaleiðir, undirbúning	200 (200)	300 (300)
Vinnuhúsnæði almennt	Störf sem gera litlar kröfur eða hóflegar kröfur til sjónarinnar, t.d. grófgerð véla- og bekkvinna, grófgerð skrifstofustörf, fjölföldun	300 (200)	500 (300)
	Störf sem gera venjulegar kröfur til sjónarinnar, t.d. miðlungs-fingerð véla- og bekkvinna, venjuleg skrifstofustörf, vélritun	500 (300)	750 (300)
	Störf sem gera nokkru meiri kröfur til sjónarinnar, t.d. fingerð véla- og bekkvinna, eftirlit, úttekt, störf á fjöldaskrifstofu	750 (300)	1000 (500)
	Störf sem gera miklar kröfur til sjónarinnar, t.d. fágun, eftirlit með gljáflötum, lóðun, litaeftirlit, rannsóknarstofuvinna, vinna á dísilverkstæðum	1000 (300)	1500 (500)
Húsnæði fyrir vinnu sem mjög reynir á sjónina	Störf sem gera miklar kröfur til sjónarinnar, t.d. vinna með mælitæki, fingerð teiknivinna, mjög fingerð vélavinna	1500 (500)	2000 (750)
	Störf sem reyna reglubundið og mjög mikið á sjónina, t.d. úr- og gullsmíðastörf, vinna við rafeindaörbúnað, handunnin leturgröftur, myndfágun	2000 (750)	3000 (1000)
	Störf sem reyna sérstaklega mikið á sjónina, t.d. slípun og fágun á sjónglerjaverkstæðum	3000 (750)	5000 (1000)

Þar sem ekki er regluleg vinna í þessum húsum og meira verið að fara þar inn til eftirlits og skoðunar á búnaði eru kröfur á birtu til vinnu í húsinu ekki miklar. Því var ákveðið að fara eftir húsakynnaflokk: Vinnuhúsnæði almennt og þar sem það getur safnast gufa inni í húsinu og vinna við krefjandi aðstæður eru gerðar kröfur upp á 500 lúx almennt í húsinu. Við val á lömpum var einnig haft til hliðsjónar rakaþéttni lampanna upp á það ef mikil gufa safnaðist upp innanhús. (Sjá töflu frá Vinnueftirlitinu)

Skoðaðar voru nokkrar týpur af ljósum og sett upp í forritinu Dialux en það er lýsingarhönnunarforrit sem lýsingarhönnuðir nota þar sem hægt er að teikna upp hús með mikilli

nákvæmni, velja liti á veggi með réttu gljástigi, gólfefni og liti á þeim útfrá endurkasti af birtu og fleira eru allt þættir sem hjálpa til við að fá nákvæma útreikninga fyrir áætlað ljósflæði.

Ljósin sem urðu fyrir valinu eru frá Philips og undirtýpan er Coreline WT120C. Þetta ljós er 1200mm á lengd og með IP65 með ljósflæði upp á 2200 lúmen og er liturinn 840 neutral white sem ætti gefa góða vinnubirtu. Þessi ljós er hægt að fá með gegnumgagnstengingum sem auðvelda við lagnavinnuna. Þegar þessi ljós voru sett inn í Dialux og forritið látið reikna út birtuna þá fékkst þessi niðurstaða sem sést á mynd 8. Skýrslan vegna ljósflæðis fylgir með í viðauka 3.



Mynd 8 - Útreiknað gildi birtu í húsinu.

Á mynd 8 sést að að birtan innanhús miðað við steypt gólf og ljósa timburveggi er yfir 500 lúx hvar sem er í húsinu og uppfyllir það þær kröfur sem var búið að setja um 500 lúx í húsinu. Einnig er birtan hátt yfir 600 lúxum þar sem mest þörf er á í kringum töfluskápa og mótor.

Eitt útiljós er fyrir ofan hurð inn í borholuhús til að lýsa upp í kringum innganginn. Það ljós er sömu tegundar og inniljósin frá Philips Coreline WT120C nema að útiljósið er 600mm að lengd og 1900 lúmen. Sami litur er á útiljósinu og inniljósnum eða 840 neutral white.

Eitt neyðarljós er í rýminu. Það var valið út frá rakaþéttni. Því er komið fyrir ofan hurð út til að lýsa leiðina út úr rýminu.

Ljósið sem var valið er frá AWEX og er IP65 og tveim 8w flúrperum. Rafhlaðan í ljósinu endist í allt að þrjár klukkustundir ef rafmagn fer af.

4.3.3 Rofar og tenglar

Rofinn er frá Jung og er IP44. Hann er einpóla.

Ákveðið hefur verið að nota tengill frá Bals í 32A vinnutengilinn. Hann er IP44 32/400V 4póla og uppfyllir allar kröfur sem gerðar eru til tengla.

Í tengil við hurð og í 16A vinnutengil var ákveðið að hafa Jung utaná liggjandi tengla, þeir eru IP44 og þola stöðugt 16A álag í lengri tíma.

4.3.4 Hitablásari

Blástursofn frá Elbjörn. Einfasa 2kW með innbyggðu thermostati og yfirhitavara. Þéttleiki IP44. Blásarinn verður vegghengdur og stilltur á neðstu hitastillingu sem er 5°C.

4.3.5 Loftræstivifta fyrir útblástur

Loftræstivifta frá Vent-Axia. IP54. Einfasa vifta sem tekur 50W á mesta hraða. Forritun ræður því hvort viftan gangi. Á mesta hraða flytur viftan 1008 m^3 af lofti.

4.3.6 Aflstrengir

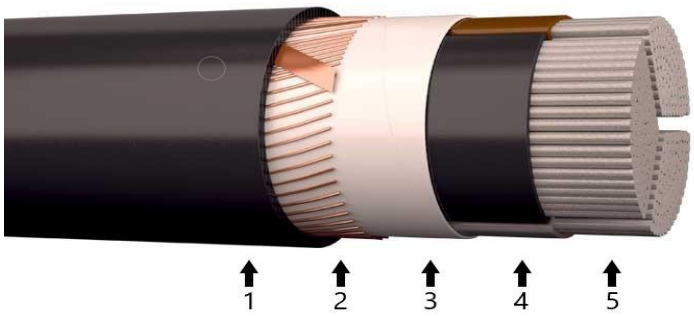
Aflstrengir eru framleiddir annað hvort úr áli eða kopar. Eðlisviðnám kopars er minna og þar af leiðandi betri leiðari, en á móti vegur að aflstrengir úr áli eru mun ódýrari. Uppbyggingu aflstrengja má sjá á eftirfarandi mynd.

1. Kápa – Vörn gegn umhverfinu, svo sem hita og efna sem kunna að leynast í jarðvegi. Ysta lag strengsins.
2. Skerming – Veitir vörn fyrir kaplinum þegar verið er að leggja hann. Skerming er mjög mikilvæg þar sem hún er virk sem leiðari fyrir skammhlaupsstrauma þegar bilun verður þar sem hún er jarðtengd. Við að jarðtengja skerminguna þá núllast einnig út rafsvið sem myndast fyrir utan strenginn.

3 PVC kápa – Verndar leiðarana gegn raka, veitir vörn gegn sýru, gasi og öðrum skaðvöldum sem gæti hafa komist framhjá kápunni.

4 Einangrun – Er lag búið til úr gleri, postulíni eða plasttrefjaefni sem einangar leiðarann frá skermingu. Þykkt einangrunar fer eftir spennustigi kapalsins og þol gegn rafsviðum sem mynast við notkun á strengnum.

5 Leiðari – Er annað hvort gerður úr áli eða kopar. Stærð leiðarans fer eftir óskum um flutningsgetu þ.e.a.s. málstraum, en einnig þarf að hafa til hliðsjónar að leiðarinn þarf að geta borið skammhlaupsstraum kerfisins.



Mynd 9 - Uppbygging aflstrengs

Algengast er að nota álstrengi þó koparstrengir hafi meiri flutningsgetu. Kostnaður koparstrengs er meiri en kostnaður álstrengs auk þess sem hann er nær tvöfalt þyngri, sem setur meiri skorður á framkvæmdir. Af þeim sökum er valið að nota álstreng frá dreifistöð að aflrofa í borholuhúsi af gerðinni AXQJ sem er eldtefjandi og sjálfslökkvandi halógenfrír strengur með skermingu.

4.3.7 Kaplar

Strengur að hraðastýringu skal vera 5G70q CU og strengur frá hraðastýringu að mótor skal vera sérstakur hraðastýringastrengur frá Ölflex að stærð 3G35+3G6mm2

Í raflögn innanhús eiga að vera RZ1-K halógenfríir kaplar að stærð í samræmi við málstraum.

4.3.8 Aflrofar og sjálfvör

Allir aflrofar og sjálfvör skulu vera frá ABB vegna þess að Orka Náttúrunnar notar þá gerð og til að minnka flækjustig í lagerhaldi skal reynt að halda sig við að hafa sömu gerðir af rofum.

Innkomandi aflrofi í töfluskáp T1 er frá ABB undirgerð T4N 320 PR221DS-LS/I, þrípóla aflrofi með skammhlaupsgetu upp á 36kA, stillanlegar varnir og stillanlegan málstraum frá 128-320A.

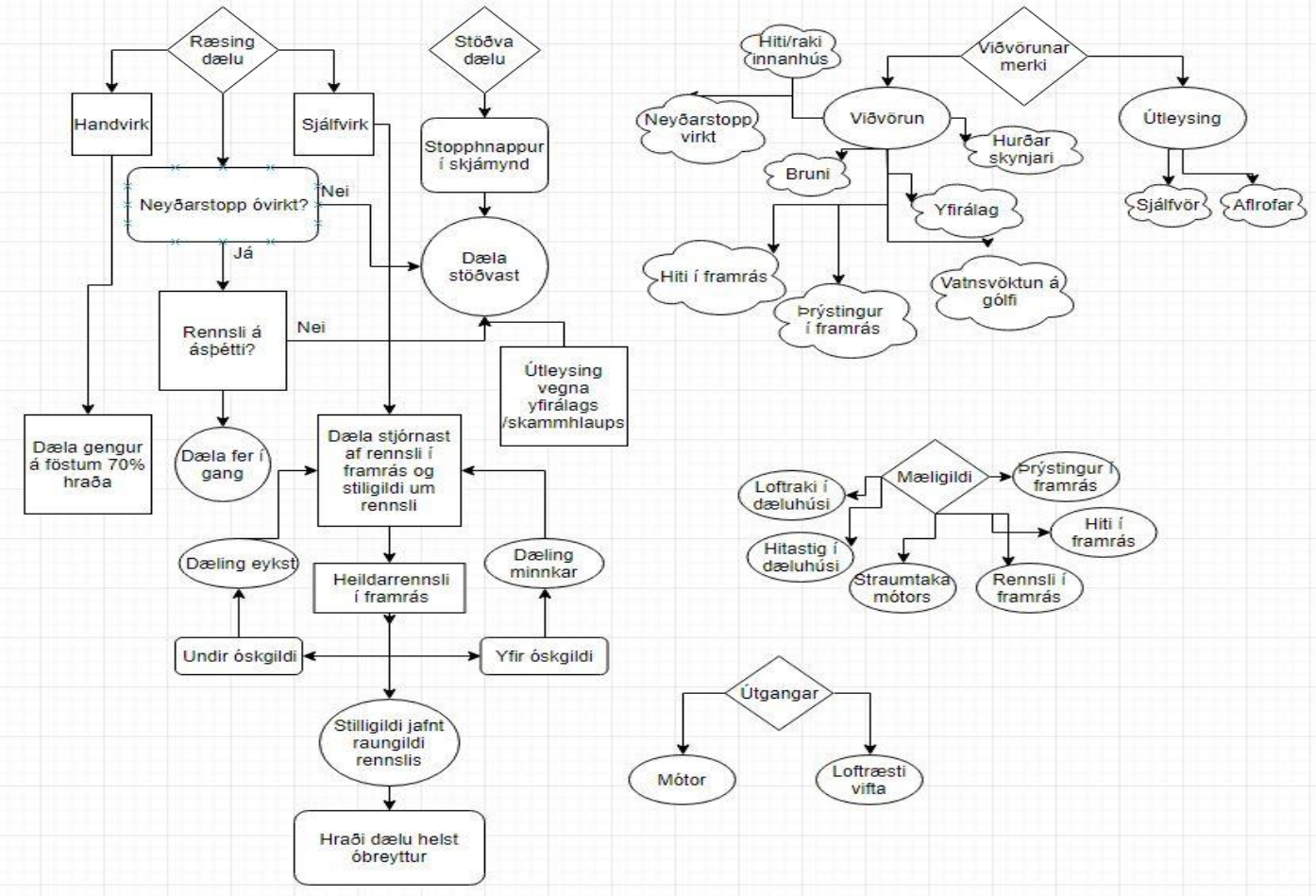
Aflrofi fyrir mótor er frá ABB undirgerð XT1C 160 TMD, þrípóla aflrofi með skammhlaupsgetu upp á 25kA og stillanlegri álagsvörn. Málstraumur 112-160A.

Tveggja póla sjálfvör frá ABB með hjálparsnertu til að gefa merki í skjámynd um útleysingu sjálfvara. Það er nauðsynlegt að geta fengið bilunarmerki ef sjálfvör fara út í borholum vegna þess að það er ekki daglegur umgangur um borholuhúsin.

5 Forritun

5.1 Virknilýsing

Forritið sem er notað til að forrita stýringarnar er frá Siemens og heitir TIA portal útgáfa 15. En það er það stýringaforrit sem skýrsluhöfundar lærðu hvað mest á í náminu og nota það því. Hér fyrir neðan má sjá einfalt flæðirit af stýringunni en nánar er hægt að skoða forritunina í viðauka 2 sem fylgir með skýrslunni.



Mynd 10 - Flæðirit stýringar

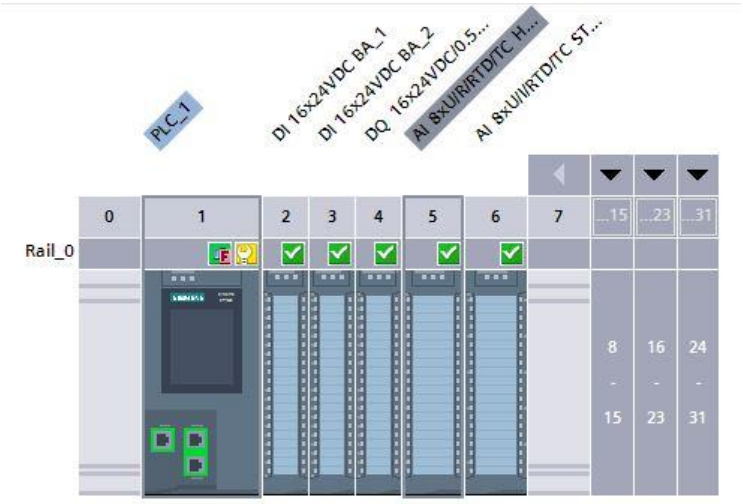
Dælunni verður hægt að stýra bæði handvirkt og sjálfvirkt. Rennsli þarf að vera um kælingu fyrir ásþétti dælunnar og sem skilyrði fyrir því að hægt sé að ræsa dæluna. Í sjálfvirkni er dælunni

stjórnað af hraðabreyti sem stjórnast af reglun á rennsli í framrás. Ef dælan er ræst handvirkt þá gengur hún á 70% af fullum hraða, þetta er oftast gert þar sem margar holur eru á sömu safnæð og eru þá nokkrar holur hafðar á fastri dælingu meðan ein eða tvær holur eru í reglun og regla til heildarrennslið. Hita-, raka- og þrýstiskynjarar eru á framrás til að hafa sýn á hita, þrýsting og rennsli. Vatnsvöktun er í gryfju til að gefa bilunarmerki ef að leki kemur á lögn og húsið fyllist af vatni. Reykskynjari og hurðarskynjari gefa bilanamerki til stjórnkerfis og hægt er þá að láta athuga með þær bilanir þar sem ekki er daglegur umgangur um þessi hús. Hita- og rakaskynjari er á vegg sem stjórnar því hvenær vifta gengur til að bæta loftgæði innanhúss. Borholunni verður eingöngu stýrt í gegnum aðgerðaskjá sem verður settur í framhlið stýriskáps í borholuhúsi eða í gegnum kerfiráð í stjórnstöð ON og eru þau samskipt í gegnum ljósleiðara.

5.2 Forritun í TIA portal

Þegar byrjað er á nýrri stýringu í TIA portal þarf að byrja á því að búa til nýtt verk [e. project] og valin vélbúnaður sem þarf fyrir verkefnið. Þegar valinn er vélbúnaður þarf að hafa í huga hversu öfluga iðntölvu [e.PLC] þarf í verkið og telja saman hvað verði af inngöngum og útgöngum í verkefninu og velja einingar fyrir þann fjölda inn/útganga út frá því.

Fyrir þetta verkefni var valin iðntölva af gerð 1515-2 PN með tveimur einingum fyrir stafræna innganga [e. digital input] af gerð DI 16X24VDC BA_1, einni einingu með stafrænum útgöngum af gerð DQ 16X24VDC BA_2. Að lokum eru tvær einingar af hliðrænum inngöngum [e. analog input] af gerð AI 8XU/R/RTD/TC.



Mynd 11 - Uppbygging vélbúnaðar í TIA portal

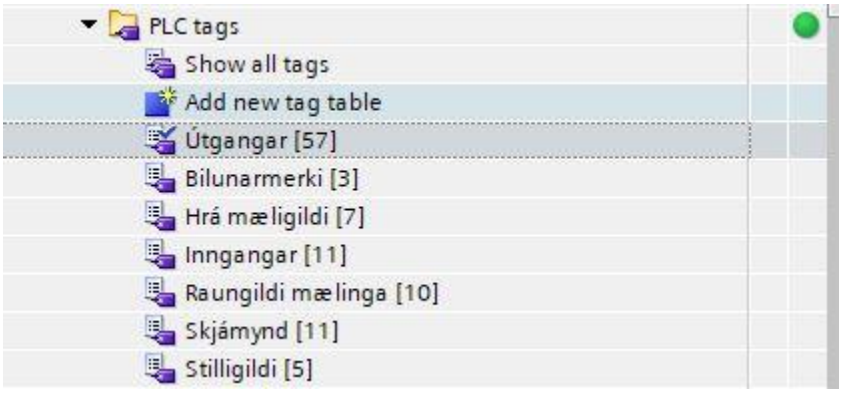
Þegar búið er að velja vélbúnað eru allir inn- og útgangar færðir inn í „PLC tags“ og merkin skilgreint eftir því hvort þau eru innmerki (með heimilisfang í einingu fyrir stafrænan inngang) eða útmerki (með heimilisfang í einingu fyrir stafrænan útgang) og hvort þau séu mæligildi (með heimilisfang í einingu fyrir hliðrænan inngang). Einnig verða til svokallaðar „M breytur“ sem eru minnisbitar sem eru eingöngu notaðir innan forritsins og fara hvorki á inn- eða útganga iðntölvunnar.

Hrá mæligildi

	Name	Data type	Address	Retain	Acces...	Writa...	Visibl...	Supervis...
1	Hiti í framrás °C (hrátt gildi, 0-...	Word	%IW2	☐	☑	☑	☑	
2	Hitastig í dæluhúsi °C (hrátt gil...	Word	%IW8	☐	☑	☑	☑	
3	Loftraki í dæluhúsi (%) (hrátt gi...	Word	%IW6	☐	☑	☑	☑	
4	Straumtaka mótors (A) (hrátt gi..	Word	%IW14	☐	☑	☑	☑	
5	Þrýstimælir - framrás (hrátt gild...	Word	%IW22	☐	☑	☑	☑	
6	Rennsli í framrás l/S (hrátt gildi)	Word	%IW12	☐	☑	☑	☑	
7	Tíðni Hz frá tíðnibreyti	Word	%IW18	☐	☑	☑	☑	
8	<Add new>			☐	☑	☑	☑	

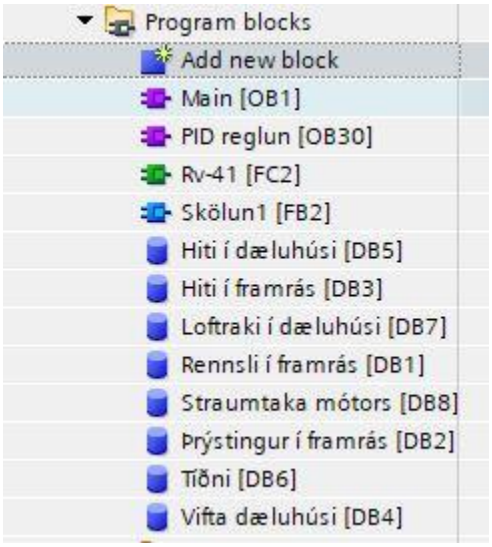
Mynd 12 - Uppsetning innganga í TIA portal

Á mynd 12 sést hvernig hliðrænir inngangar fyrir mæligildi hafa verið færð inn. Öll merki eru færð inn á sambærilegan hátt og þeim gefin heimilsfang [e. address] og gagnagerð [e. data type] sem skilgreinir um hvernig merki er að ræða.



Mynd 13 - Uppsetning PLC tagga í möppur

Þegar öllum merkjum hefur verið gefið heimilsfang þá er hægt að fara útbúa forritið sjálft með svokölluðum „Program blocks“ en þar eru stýringarnar útbúnar og hægt að skipta þeim í mismunandi blokkir eftir því hvernig forritari vill skipta þeim upp.



Mynd 14 - Uppbygging "program blocks"

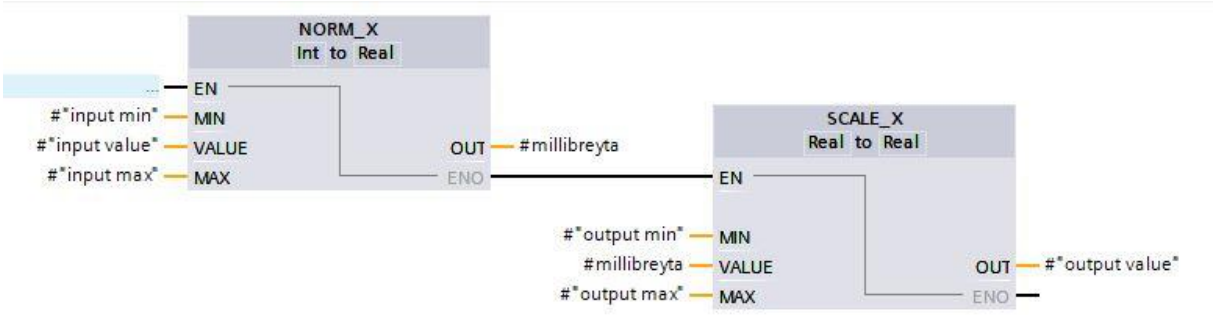
Á mynd 14 sést hvaða „program blocks“ hafa verið notaðar í þessari forritun. Main (OB1) blokkin er aðal blokkin þar sem aðrar blokkir eru færðar inn og þetta er sú blokk sem keyrir forritið á iðntölvunni. Í „PID reglun“ blokkinni er reglun fyrir rennsli í framrás keyrð. RV-41 blokkinn er sú blokk þar sem stýringin fyrir borholuhúsið hefur verið útfærð, ef um fleiri borholuhús væri að ræða væri hægt að útbúa fleiri slíkar blokkir fyrir hvert hús og færa inn í Main blokkina þar sem forritið er keyrt. Skölun1 blokkin er svo blokk sem var útbúin til að

auðvelda umbreytingu á mæligildum (meira um það síðar í skýrslunni). DB blokkirnar verða til þegar skölun1 blokkin er færð inn í RV-41 blokkina og eru minnisblokkir fyrir hvert merki og geyma gögn um merkið.

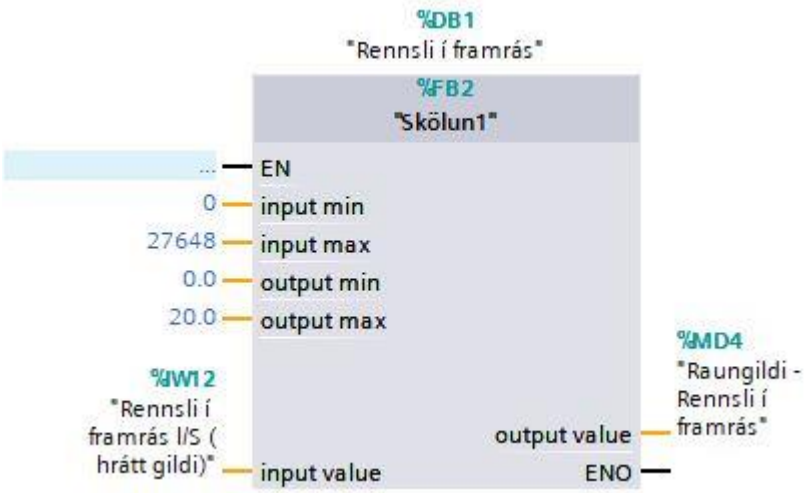
Mynd 15 - "Program block" RV-41 í "main" blokk

Í þessu tilviki var allt forritið sett upp í einni blokk (Rv-41 FC2) og svo er hún færð inn í „main“ blokkina eins og sést á mynd 15 og þar er forritið keyrt.

Þar sem töluvert er um mæld gildi í þessu verki og hliðrænir inngangar í TIA portal hafa alltaf vinnusvið frá 0 til 27648 þarf að umbreyta þessum merkjum innan forritsins yfir í raungildi, til dæmis ef hitamæling 4-20mA sem vinnur á bilinu 0 til 10 °C skilar sér inn í TIA sem gildið 13824 þegar hitastigið er 5°C. Því var útbúin sérstök „Skölunar blokk“ sem hægt er að nýta aftur fyrir öll mæligildin og verður þá til „data block“ fyrir hvert mæligildi sem geymir síðustu mælingu þó slökkt sé á forritinu.



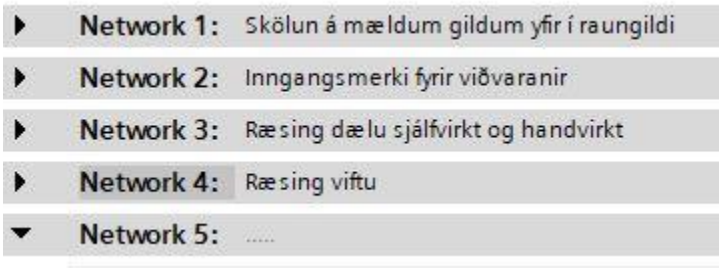
Mynd 16 - Útlit skölunarblokkar



Mynd 17 - Útlit skölunarblokkar þegar gildi hafa verið sett inn

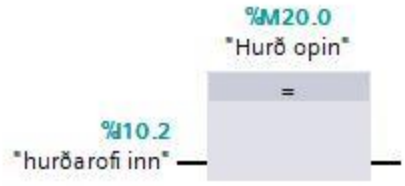
Á mynd 17 sést að eftir að „skölunarblokkin hefur verið dregin inn í RV-41 blokkina lítur hún svona út og hægt er að færa inn þau gildi sem æskileg eru fyrir hvert merki, hér er blokk fyrir rennsli í framrás og það sést að innmerkið [e. input value] - %IW12 „Rennsli í framrás l/S (hrátt gildi) í er minnst 0 og mest 27648 sem er svo skalað í 0 til 20 l/s og kemur út úr blokkinni sem M breytan (%MD4 – Raungildi – Rennsli í framrás“). Þessa M breytu er svo hægt að nýta inn í skjámyndina til að sýna raungildið á rennsli í framrás.

Í RV-41 blokkinni eru svo öll stýringin og var stýringunni skipt upp í mismunandi net [e. network] eftir því um hvernig merki væri að ræða. Mynd 18 sýnir hvernig útbúið var eitt net fyrir merki sem eru sköluð, eitt net fyrir merki fyrir viðvaranir sem eiga að skila sér í skjámynd og á viðvörunarlista, eitt net fyrir ræsingu á dælunni og annað fyrir ræsingu á loftræstiviftu.



Mynd 18 - Net í RV-41 blokk

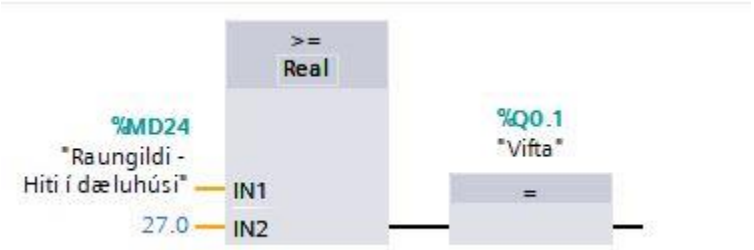
Í neti 1 eru blokkir eins og sjást á mynd 17.



Mynd 19 - Blokk fyrir viðvörunarmerki

Í neti 2 eru blokkir eins og sést á mynd 19. Stafrænt inngangsmerki ræsir þá útgang M breytu sem er svo notuð í skjámynd til að lýsa upp hnapp ef hurð er opin.

Í neti 3 er svo lengri forritun með þeim skilyrðum fyrir ræsingu dælunnar, handvirkt og sjálfvirkt, og hægt er að sjá í viðauka sem fylgir með skýrslunni.



Mynd 20 - Ræsiblokk fyrir loftræstiviftu

Mynd 20 sýnir einfalda ræsingu fyrir loftræstiviftuna í húsinu sem er í neti 4. Skalað raungildismerki fyrir hita í dæluhúsinu er þá tekið inn á samanburðarblokk [e. comparator block] sem sem ber raungildið saman við óskgildið sem hefur verið fært inn í IN2 á blokkinni, hér er óskgildið 27°C og sé raungildið jafnt eða hærra en óskgildið ræsir það viftuna. Þetta er hitastig sem var ákveðið að hafa til að viftan væri ekki stanslaust í gangi vegna þess að töluvert heitt er í þessum húsum almennt. Þessu óskgildi er auðvelt að breyta í forritinu ef reynslan sýnir að það þurfi að breyta því.

5.3 Reglun

Reglun er stjórntæki notað til að stýra tilteknum kerfum/ferlum með fyrirfram ákveðnum gildum. Reglun er notað við að stjórna allskonar kerfi/ferlum í nútímasamfélagi, hvort sem það er hraðastýring (cruise-control) í bílum til að ná ákveðnum hraða og viðhalda honum eða hitastýring í húsum. Helsti kostur við reglun er að geta tekið mið af íhlutum sem hafa ólíka eiginleika svo sem raf- og vélbúnaður.

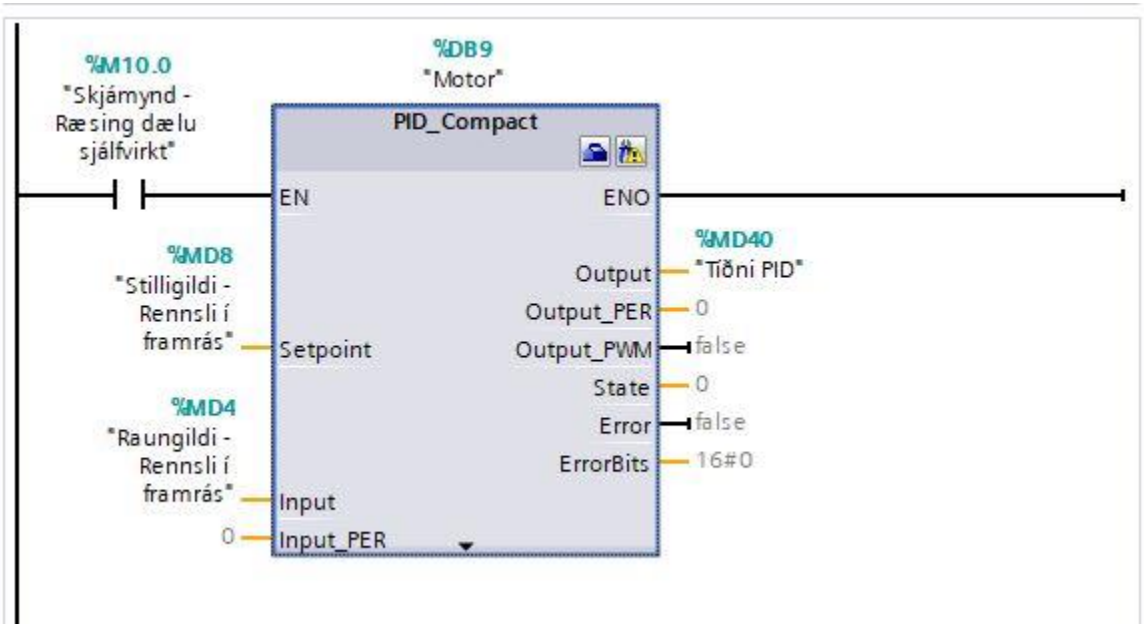
Grunnkerfi regla má flokka í tvennt, þ.e. er kerfi án afturverkunar "feedback" sem nefnist “open loop” og kerfi með afturverkun sem nefnist “closed loop”.

“Open loop” kerfi virka vel í aðstæðum þar sem kerfi eru í sífellu að endurtaka sig og engin skaði getur orðið af útkomunni s.s. þvottakerfi í þvottavélum heldur áfram að ganga þótt það gleymist að setja þvottaefni í vélina. Lykilatriði “Open loop” kerfa er að stýringin gerir engan greinarmun á því hvað er í gangi í kerfinu, það einfaldlega fylgir fyrirfram ákveðnu kerfi bókstaflega.

“Closed loop” stýrikerfi henta best þar sem viðkoma manna er ekki leyfð eða inngrip manna hentar ekki. Kerfin eru mengi vélrænna og/eða rafeindatækja sem sjálfkrafa stjórna ferlisbreytum í viðeigandi ástand. Það getur reynst manneskju sem er ókunnug kerfi/ferli ómögulegt að stilla kerfið. Mönnum er mjög hætt á að ofmeta stillingar í byrjun, þar sem það er í eðli manna að halda að ef smátt er gott þá er meira betra. Það sama á við ef stillingar er vanmetnar. “Closed loop” kerfi eru notuð til að ná fram bestum viðeigandi framleiðsluskilyrðum og viðhalda þeim með samanburði við raunverulegt ástand þar sem þau eru sífellt að taka mið af útkomu reglis og bregðast við því.

TIA portal forritið er með nokkrar fyrirfram tilbúnar PID blokkir þar sem ekki þarf að gera neitt nema að velja þær í forritið og velja hvaða breytur skuli vera stilligildi [e. setpoint] og inngangsmerki [e. input] og svo útgangsmerki [e. output]. Á mynd 21 sést hvernig valið hefur verið að hafa M breytu (%M10.0 – Skjámynd – Ræsing dælu sjálfvirkt) úr skjámynd sem þarf að ræsa til að blokkin fari í gang og byrji að vinna. Hér er það stilligildi (%MD8 Stilligildi – Rennsli í framrás) úr skjámynd sem stjórnar því hversu mikið rennsli er farið fram á og inngangsmerkið (%MD4 – Raungildi Rennsli í framrás), sem er mælt gildi með rennslisnema,

skilar sér í reglin og sýnir hversu mikið vantar upp á eða vantar ekki upp á að stilligildið sé jafnt inngangsmerkinu. Reglirinn gefur svo út á útgangsmerkið á hversu mikilli tíðni mótorinn skuli ganga, eftir því hvort að hann eigi að ganga hægar til að minnka við dælingu eða hraðar til að auka við dælingu.



Mynd 21 - PID reglunar blokk í notkun

5.4 Skjámynd

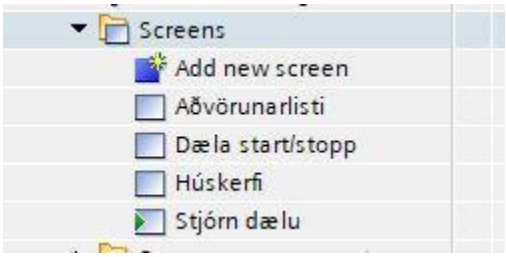
Skjámyndin er gerð í TIA portal og betur er farið yfir það hvers vegna það var gert í niðurstöðum fyrir skýrsluna.

Notaður er skjár af gerð KTP700 Basic PN og hefur skjárinn samskipti við iðntölvu í gegnum Profibus PN/IE_1.

Skjár verður settur í framhlið töflu A1 +00CTA41 svo hægt sé að stjórna borholunni frá borholushúsi.

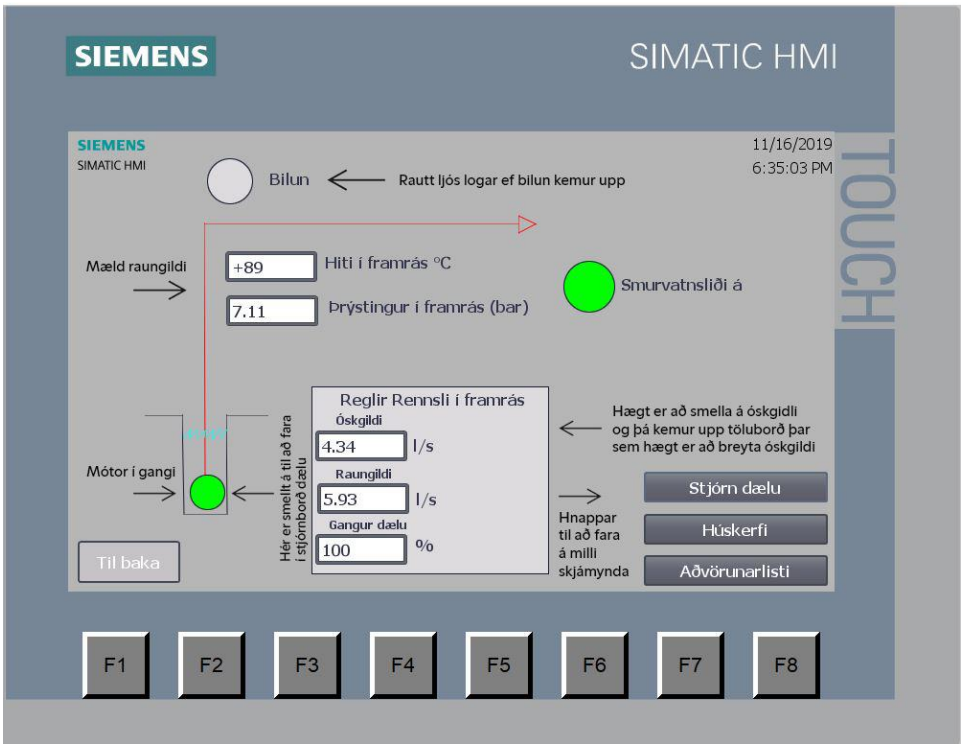
Frekar auðvelt er að útbúa skjámyndir beint í TIA þar sem allar tengingar eru innan forritsins sem er keyrt á iðntölvunni og ekki þarf að útbúa sérstakar tengingar eins og þegar aðrar gerðir

skjámyndaforrita eru notaðar. Hægt er að draga til dæmis mæligildi yfir á skjáinn og verður þá til tölubox á skjámyndinni með tengingu í það sem töluboxið á að sýna.

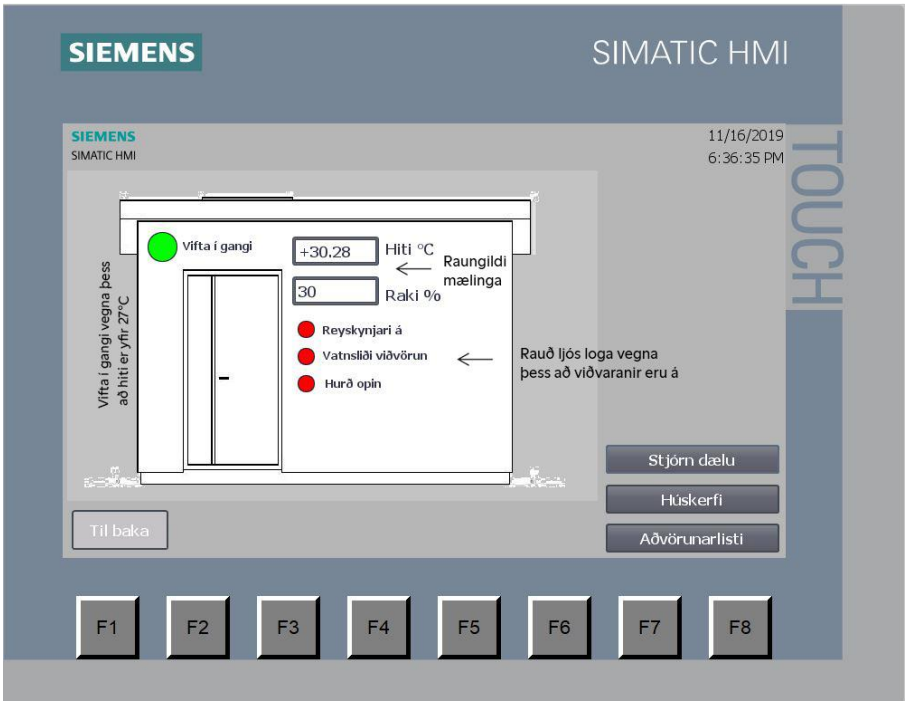


Mynd 22 - Skjáir í TIA portal

Mynd 22 sýnir þá skjái sem hafa verið búnir til fyrir verkið og er skjárinn „Stjórn dælu“ heimaskjár sem kemur fyrstur upp þegar skjámyndin er ræst. Af öllum skjám eru svo hnappar til að komast yfir á aðra skjái.

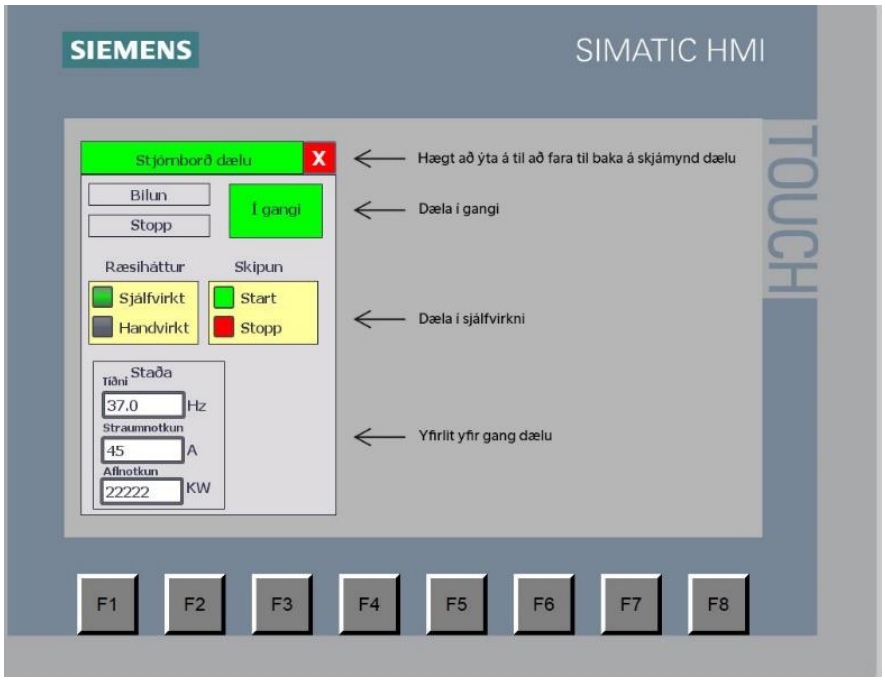


Mynd 23 - Útlit aðgerðaskjás fyrir stjórn dælu



Mynd 24 - Útlit aðgerðaskjás fyrir húskerfi

Mynd 25 - Útlit aðgerðaskjás fyrir aðvörunarlista



Mynd 26 - Útlit aðgerðaskjás fyrir dælu

6 Útreikningar

6.1 Aflnotkun

Aflnotkun borholuhúsins miðað við mestu mögulegu notkun. Heildarafl í wöttum.

Tafla 2 - Heildaraflnotkun

Aflnotkun	Fjöldi	Afl	Heild
Dæla	1	75000	75000
Ljós 122x96cm (ískraft)	4	22	88
Ljós fyrir ofan hurð	1	17,60	17,6
Neyðarlýsing	1	16	16
Ekki föst notkun (tenglar) mesta mögulega notkun	1	11040	11040
Loftræstivifta	1	50	50
Hitablásari	1	2000	2000
Stjórnskápur	1	2000	2000
		samtals	90212

6.2 Stærð á streng

Til að finna stærð á streng er notast við jöfnuna

$$I_{hámark} = \frac{P}{\sqrt{3} \times E \times \cos \Phi}$$

Þar sem

P = raunafl

E= Spenna

cos Φ = fasvik

Af þessu má leiða að mesta mögulega straumtaka sem strengurinn að dælustöð þarf að þola samkvæmt ohm´s lögmáli

130,22A

Tafla 3 - Tafla 52A.1 úr ÍST200:2006 (Johan Rönning, e.d.).

Tafla 52A.5 – Straumþol í A við lagnaraðferðir samkvæmt töflu 52A.1 – XLPE eða EPR einangrun, þrír leiðarar flytja álagsstraum, kopar eða ál – Hitastig leiðara 90 °C, umhverfishitastig 30 °C í lofti, 20 °C í jörð

Nafngildleiki leiðara mm²	Lagnaraðferðir samkvæmt töflu 52A.1					
	A1	A2	B1	B2	C	D
						
1	2	3	4	5	6	7
Kopar						
1,5	17	16,5	20	19,5	22	22
2,5	23	22	28	26	30	29
4	31	30	37	35	40	37
6	40	38	48	44	52	46
10	54	51	66	60	71	61
16	73	68	88	80	96	79
25	95	89	117	105	119	101
35	117	109	144	128	147	122
50	141	130	175	154	179	144
70	179	164	222	194	229	178
95	216	197	269	233	278	211
120	249	227	312	268	322	240
150	285	259	-	-	371	271
185	324	295	-	-	424	304
240	380	346	-	-	500	351
300	435	396	-	-	576	396
Ál						
2,5	19	18	22	21	24	22
4	25	24	29	28	32	29
6	32	31	38	35	41	36
10	44	41	52	48	57	47
16	58	55	71	64	76	61
25	76	71	93	84	90	78
35	94	87	116	103	112	94
50	113	104	140	124	136	112
70	142	131	179	156	174	138
95	171	157	217	188	211	164
120	197	180	251	216	245	186
150	226	206	-	-	283	210
185	256	233	-	-	323	236
240	300	273	-	-	382	272
300	344	313	-	-	440	308

Athugasemd – Í dálkum 3, 5, 6 og 7 er miðað við sívala leiðara ef gildleiki er 16 mm² eða minni. Ef gildleiki er meiri er miðað við að leiðarar geti haft aðra lögun en tölurnar gilda einnig um sívala leiðara.

Ef bornir eru saman útreikningur á mesta mögulega straumtöku strengsins og eftirfarandi tafla má sjá að stengurinn þarf að vera minnst 95 mm^2 en ákveðið hefur verið að hafa hann 150 mm^2

vegna möguleika á að í framtíðinni verði sett niður djúpdæla í borholuna sem er aflfrekari en sú dæla sem er sett við núna.

6.3 Spennufall

Spennfall er reiknað með eftirfarandi jöfnu

$$\Delta E = \sqrt{3} \times I \times \rho$$

Þar sem

I=Hámarks straum taka strengs (A)

ρ = Eðlisviðnám strengs (Ωm)

Spennufallið miðað við 150 mm^2 verður þá

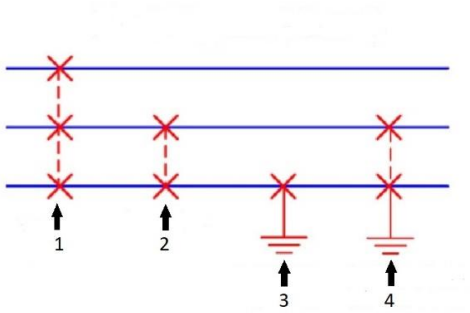
6.67V

6.4 Skammhlaupsstraumar

Við hönnun á kerfum er nauðsynlegt að hafa það í huga að ekkert kerfi er fullkomið og búast má við bilunum. Það þarf því að gera ráðstafanir til að koma í veg fyrir bilanir og minnka líkurnar á að þær trufli rekstur kerfisins og/eða skemmi út frá sér. Bilanir sem koma upp í þriggja fasa rafkerfum flokkast annars vegar í “Open circuit faults” og hinns vegar skammhlaupsbilanir (Electrical Functions, 2019).

“Open circuit faults” verða til ef einhver af fösunum rofnar frá kerfinu til dæmis vegna bilunar á tengipunktum í kerfinu. Samskonar rof veldur því að kerfið verður ósamhverft og hætta er á ofspennu á hinum fösunum. Til að koma í veg fyrir “Open circuit faults” er hægt að vakta aflið á hvern fasa fyrir sig.

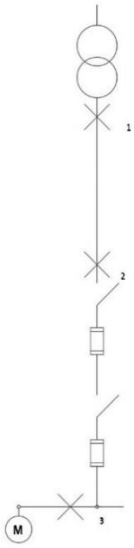
Skammhlaupsbilanir verða þegar straumur flæðir á milli leiðara í rafkerfum. Það getur gerst þegar rof hefur komið á einangrun eða ef strengur hefur verið grafinn í sundur. Þar sem skammhlaupsbilanir geta orðið má sjá á eftirfarandi mynd.



Mynd 27 - Dæmi um skammhlaup

1. Skammhlaup milli alla fasana.
2. Skammhlaup milli tveggja fasa.
3. Skammhlaup milli fasa og jarðar.
4. Skammhlaup milli tveggja fasa og jarðar.

Það leysist mikið afl úr læðingi þegar skammhlaup myndast í formi ljósboga, sem getur leitt til skemmda í tækjabúnaði og eldssvoða. Þar af leiðandi þarf að huga vel að vali á réttum búnaði og athuga vel að skammhlaupsþol þeirra.



Mynd 28 – Einlínumynd / Frá spenni til mótors

Mynd 29 - Staðsetning dreifistöðvar og lengd aflstrengs

Fyrst er reiknað samviðnám spennis með jöfnunni

$$Z_{spennir} = \frac{\%Z \times 10 \times E_{L-L}}{S_{CC}}$$

Þar sem

$\%Z$ = samviðnám (%)

E_{L-L}= Spenna milli fasa (kV)

S_{CC} = Skammhlaupsafl spennis (A)

Samviðnám spennis verður þá

0,0192 Ω

Næst er reiknað skammhlaupsstraumur í punkti 1 með jöfnunni

$$I_{skammhlaup-1} = \frac{1{,}05 \times E_{L-L}}{\sqrt{3} \times Z_{spennir}}$$

Þar sem

$Z_{spennir}$ = Samviðnám spennis (Ω)

$1{,}05$ = Fasti

E_{L-L}= Spenna milli fasa (kV)

Skammhlaupsstraumur í punkti 1 verður þá

12.630 A

Ástæða þess að skammhlaupið sem getur orðið í punkti 1 er skoðað, er vegna þess að þar getur myndast hæsti mögulegi skammhlaupsstraumur í kerfinu. Því þarf að gera nauðsynlegar ráðstafanir með val á búnaði til að koma í veg fyrir skemmdir.

Til að reikna skammhlaupsstraum í punkti 2 þarf fyrst að reikna samviðnám í kaplinum milli punkta 1 og 2 með formúlunni

$$Z_{kapall\ 1-2} = \frac{\rho \times \ell_{kapal}}{n}$$

Þar sem

$\rho_{ál}$ = eðlisviðnám kapals ($^{\Omega}/_{km}$)

ℓ_{kapal} = Lengd kapals (m)

n = fjöldi leiðara fyrir hvern fasa

Samviðnám í kaplinum milli punkta 1 og 2 verður

0,01013 Ω

Næst er reiknað skammhlaupsstraumur í punkti 2 með jöfnunni

$$I_{skammhlaup-2} = \frac{1{,}05 \times E_{L-L}}{\sqrt{3} \times (Z_{spennir} + Z_{kapall\ 1-2})}$$

skammhlaupsstraumur í punkti 2 verður

8.266 A

Til að reikna skammhlaupsstraum í punkti 3 þarf fyrst að reikna samviðnám í kaplinum milli punkta 2 og 3 með formúlunni

$$Z_{kapall\ 2-3} = \frac{\rho \times \ell_{kapal}}{n}$$

Þar sem

$\rho_{ál}$ = eðlisviðnám kapals ($^{\Omega}/_{km}$)

ℓ_{kapal} = Lengd kapals (m)

n = fjöldi leiðara fyrir hvern fasa

Samviðnám í kaplinum milli punkta 2 og 3 verður

$$0.00117\ \Omega$$

Næst er reiknað skammhlaupsstraumur í punkti 3 með jöfnunni

$$I_{skammhlaup-2} = \frac{1{,}05 \times E_{L-L}}{\sqrt{3} \times (Z_{spennir} + Z_{kapall\ 1-2} + Z_{kapall\ 2-3})}$$

skammhlaupsstraumur í punkti 3 verður

$$10.552\ \text{A}$$

7 KKS kóðun

Í stórum veitum og orkuverum er nauðsynlegt að hluta niður búnað í einstök kerfi og einstakan búnað innan þessara kerfa. Vel útfærð skráningarkerfi eru nauðsynleg til að ná fram samræmdri skráningu vegna reksturs, viðhalds, gerð útboðsgagna, skráningu gagna og varahluta.

Skýrsluhöfundar vildu hafa samræmda skráningu á sínum hönnunargögnum og var því ákveðið að notast við KKS kóðakerfið. Það kerfi er notað af flestum orkuverum og hefur annar skýrsluhöfundur notast töluvert við KKS kerfið í vinnu sinni hjá Orku Náttúrunnar. Það var talið tilvalið að nýta lokaverkefnið til að dýpka skilninginn á þeim kóðum þar sem að það mun nýtast við vinnu þar sem talað er um allan búnað í KKS kóðum. Sem dæmi má nefna að ef taka á út rafalarofa á vél er ekki talað um „rafalarofa vélar 1“ í rofaplönum og samskiptum heldur er notast við KKS kóðann fyrir rafalarofann „01BAC10GS100“ þessi kóði er merktur bæði á búnaði og í kerfiráði og er einstakur fyrir hvern búnað, þannig að ekki á að verða neinn misskilningur um hvaða búnað er að ræða. 01 stendur fyrir þann búnað sem tilheyrir vél 1, BAC er yfirheiti fyrir rafalarofa, þann búnað sem er undir rafalarofa og GS100 stendur fyrir aflrofa. Ekki er ætlunin að fara djúpt í KKS kóðakerfi Orku Náttúrunnar þar sem það er risastórt kerfi og tæki algjörlega yfir verkefnið. Þó mun verða útlistað eitthvað af þeim búnaði sem verkefnið tiltekur og KKS kóðann á bakvið búnaðinn í hönnunargögnunum.

7.1 Um KKS kóðann

Skráningarkerfið KKS (Kraftwerk Kennzeichen System) var fyrst útgefið 1978 eftir að nefnd skipuð hönnuðum, framleiðendum, rekstraraðilum, eftirlitsaðilum og yfirvöldum í orkugeiranum í Þýskalandi árið 1970 skilaði af sér fyrstu leiðbeiningarbókinni fyrir KKS kóðann sem hefur síðan oft verið endurnýjuð, endurbætt og aukið við. KKS kóðakerfið er að grunni til byggt á IEC og ISO stöðlum ásamt DIN 40719 PART 2 (IEC 750). KKS kóðakerfið hefur þann tilgang að skrá hluta orkuvera og veitnakerfa í einstök kerfi og einstakan búnað eða hluta þeirra kerfa í samræmi við ferli (hlutverk) og staðsetningu. Hvert fyrirtæki sem tekur upp KKS kóðakerfið útbýr sína eigin útfærslu af skilgreiningum á KKS kóðum sem þau nota (Landsnet, 2019).

KKS kóðanum er skipt upp í þrjá kóðaflokka, sem hægt er að nota saman, eða hvern fyrir sig. Þessir kóðaflokkar eru: ferilkóði [e.process related code]; sætiskóði [e.point of installation

code]; staðarkóði [e.location code]. Kóðaflokkum er skipt í þrjú til fjögur lykilþrep (LYK). Í þessu verkefni er eingöngu notast við ferilkóða. Þegar kóðun á sér stað er gott að hafa í huga að kóði og tæki eru aðskild hugtök, þ.e.a.s. að kóði er staðsetning og tækið er hluturinn sem er á þeim stað. Það vinnulag sem notað er við kóðun er eftirfarandi: Byrjað er á að kóða staðsetninguna þar sem tæki/tækin eiga að vera staðsett á. Staðsetning er kóðuð með tilliti til þess hvernig kerfi er verið að kóða, þ.e. hvort það er borholukerfi, vélakerfi eða annað, og tilheyrandi skilgreining fyrir það er fundin og skráð. Búnaður er svo skráður í undirflokka eftir því hvaða búnað er um að ræða; mótor, aflrofi og dæla hafa öll sitthvorn undirflokkinn en tilheyra sömu staðsetningu ef þau tilheyra sama kerfinu.

Lykilþrep -1 er fyrir svæðið, þriggja stafa og lýsandi fyrir svæðið REY fyrir Reykjavík til dæmis.

Lykilþrep 0 er fyrir virki sem á best við þegar um margar stöðvar er að ræða t.d. innan sömu virkjunnar.

Lykilþrep 1 er fyrir kerfi og er þá átt við um tegund kerfis; vélakerfi, borholukerfi eða annað. CTA stendur til dæmis fyrir stjórn, -mæla, -merkja og varnarbúnað. Hér er bætt við borholunúmeri fyrir aftan til að tilgreina sérstaka borholu, -borhola 41 til aðgreiningar frá öðrum borholum.

Lykilþrep 2 er fyrir búnað, þá er átt við hvaða búnað er um að ræða, GSxxx fyrir aflrofa td.

Lykilþrep 3 er til að skilgreina hluti. XM54 er til að skilgreina til dæmis útleysingu aflrofa. (Landsnet, 2019)

Útleysing aflrofa í skáp í Borholuhúsi RV-41 í Reykjavík gæti því fengið KKS kóðann REY-000CTA41-GS100-XM54. Þennan kóða væri hægt að nota í hönnunargögn.

7.2 KKS kóðun Borholuhús RV-41

Allur búnaður tengdur rörinu frá borholunni sjálfri fær sama ferilkóðan, REY-00LBA41 (LBA stendur fyrir „rörakerfi aðalgufukerfis“ og 41 er númer holunnar.) Rennslis-, þrýsti- og

hitamælir, mótor, dæla og tíðnibreytir fá því sama kóðann á lykilþrepi 1, einnig fær aflrofi fyrir dæluna sama kóðann en bætt er við lykilþrepum 2 og 3 til aðgreiningar á búnaðnum.

Tafla 4 - Útskýring á KKS kóða

Búnaður	**Lyk -1 og 1**	**Lyk 2**	**Lyk 3**	**Skýring á LYK 2**	**Skýring á LYK 3**
Dæla	REY-000LBA41	AP010		Dælubúnaður	
Mótor	REY-000LBA41	AP010	-M01	Dælubúnaður	Rafmótarar
Tíðnibreytir	REY-000LBA41	AP010	-U01	Dælubúnaður	Tíðnibreytar
Aflrofi	REY-000LBA41	GS100	-Q10	Aflrofar	Rofabúnaður
Rennslisskynjari	REY-000LBA41	CF001		Rennslismælir, analog merki	
Þrýstiskynjari	REY-000LBA41	CP001		Þrýstingmæling, analog merki	
Hitaskynjari	REY-000LBA41	CT001		Hitamæling analog merki	

↑Fyrsta talan stendur fyrir 0=Analog 1=digital

Allur rafbúnaður fær svo sama lykilkóða á lykilþrepi 1 sem er BFA sem er lágspennu aðaldreifing-rekstrarnotkun og stjórnbúnaðarskápur fær svo CTA, en það er kóði fyrir stjórn, -mæli, -merkja- og varnarbúnað.

Tafla 5 - Útskýring á KKS kóða

Búnaður	**Lyk -1 og 1**	**Lyk 2**	**Lyk 3**	**Skýring á LYK 2**	**Skýring á LYK 3**

Töfluskápur A1 rafbún.	REY-000BFA41				
Töfluskápur T1 stjórnbún.	REY-000CTA41				
Mælistöðvar	REY-000BFA41	CExxx		Rafmagnstærðir mæling	
Sjálfvör	REY-000BFA41	GQxxx	-Wxx	Undirdreifing fyrir tengla	Flutningsleiðir (kapall)
Sjálfvör	REY-000BFA41	GPxxx	-Wxx	Undirdreifing fyrir ljós	Flutningsleiðir (kapall)

↑

Fyrstu tvær tölurnar standa fyrir númer sjálfvarsins, oftast byrjað á 11 svo 12 o.s.frv. Þriðja talan er svo fasaröð sjálfvarsins 1 fyrir L1 o.s.frv. 0 er fyrir þriggja fasa sjálfvar.

Hérna er stiklað á stóru í KKS kerfinu enda leiðbeiningabókin fleiri hundrað blaðsíður en aðrir KKS kóðar koma fram á teikningum eða hönnunargögnum.

8 Niðurstöður

8.1 Hugleiðingar og niðurstöður

Þar sem ekki er um að ræða verkefni sem verður framkvæmt í raunveruleikanum eða með neinum eiginlegum niðurstöðum þá byggjum við okkar niðurstöður við lok þessa verkefnis meira á því hverju við höfum bætt við okkar reynslubanka við gerð þessa verkefnis. Skýrsluhöfundar telja sig vera hæfari í sínum störfum nú og tilbúnari fyrir önnur störf ef þeir ákvæðu að breyta til í vinnu og fara eða vinna störf tengdari verkfræðistofum.

Þegar hafist var handa við að byrja á þessu verkefni renndum við dálítið blint í sjóinn vegna þess að hvorugur skýrsluhöfunda hefur mikla reynslu af hönnun stýringa aðra en þá sem við höfum fengið í náminu en við erum fegnir í dag að hafa tekið verkefni með stýringakafla því að skilningur okkar á forritunni hefur margfaldast og höfum við lært marga nýja hluti við gerð þessa verkefnis og skilningur okkar á Siemens forritinu TIA portal hefur aukist til muna.

Sem rafvirkjar sem hafa unnið hefðbundnari störf tengd rafvirkjun mestan okkar starfsferil og meira verið í því að vinna eftir gögnum frá hönnuðum var áhugavert að vera sjálfir í því hlutverki að hanna hlutina og að þurfa velta fyrir sér hvaða búnaður ætti best við og kæmi best út til lengri tíma. Að hafa samband við birgja og aðra sem hafa meira vit á hlutunum en við var einnig skemmtilegt.

Vissulega var það krefjandi til að byrja með að ætla að vinna verkefnið út frá kröfum Veitna þar sem að við höfum engin sambönd inn eða neina þekkingu á þeirra kerfum og kóðunum en með því að gera þá breytingu að verkið sé unnið út frá kröfum Orku Náttúrunnar þá varð betra að vinna verkið þar sem að auðveldara varð að útvega sér upplýsingar um búnað og tæki sem Orka Náttúrunnar nota. Við teljum að þetta hafi verið gott skref sem hjálpaði mikið til við gerð skýrslunnar.

Við teljum okkur því vera komnir með ágæta verkskýrslu í hendurnar sem skilar því vel sem við ætluðum okkur í upphafi.

9 Kostnaðaráætlun og magntaka

Tafla 6 - Kostnaðaráætlun og magntaka

Skýring	Framleiðandi	Varnarflokkur	Eining	Magn	Verð án vsk.	Verð m. Vsk	Samtals
Iðntölva með inngangs og útgangseiningum	Siemens	IP23	stk	1	1.045.246 ISK	1.296.105 ISK	1.296.105 ISK
Tíðnibreytir fyrir mótor	ABB	IP55	stk	1	1.036.652 ISK	1.285.448 ISK	1.285.448 ISK
Mótor 75kW	SEVER	IP55	stk	1	999.999 ISK	1.239.999 ISK	1.239.999 ISK
Rennslismælir	Siemens	IP65	stk	1	984.925 ISK	1.221.307 ISK	1.221.307 ISK
Þrýstimælir	Siemens	IP65	stk	1	126.496 ISK	156.855 ISK	156.855 ISK
Reykskynjari Optískur	Ampac	IP23	stk	1	3.650 ISK	4.526 ISK	4.526 ISK
Spennureglir/UPS	Puls		stk	1	45.000 ISK	55.800 ISK	55.800 ISK
Spennugjafi 24VDC	Puls		stk	1	34.000 ISK	42.160 ISK	42.160 ISK
Mælastöð	Siemens		stk	1	22.250 ISK	27.590 ISK	27.590 ISK
Gólfvatnsliði	Grisk		stk	1	5.215 ISK	6.467 ISK	6.467 ISK
Sambyggður hita og rakamælir	Siemens	IP65	stk	1	15.806 ISK	19.599 ISK	19.599 ISK
Hitamælir á borholu (PT100)	Siemens	IP65	stk	1	7.677 ISK	9.519 ISK	9.519 ISK
Hurðarofi	UTC		stk	1	1.192 ISK	1.478 ISK	1.478 ISK
Led ljós inni	Philips	IP65	stk	4	11.064 ISK	13.719 ISK	54.877 ISK
Led ljós úti	Philips	IP65	stk	1	8.379 ISK	10.390 ISK	10.390 ISK
Neyðarlýsing	AWEX	IP65	stk	1	12.293 ISK	15.243 ISK	15.243 ISK
Rofi	JUNG	IP44	stk	1	709 ISK	879 ISK	879 ISK
Vinnutenglar 16A	JUNG	IP44	stk	1	1.131 ISK	1.402 ISK	1.402 ISK
Vinnutengill 32A	BALS	IP44	stk	1	2.856 ISK	3.541 ISK	3.541 ISK

Töfluskápur T1 samsettur með einingum	ABB	IP55	stk	1	150.435 ISK	186.539 ISK	186.539 ISK
Töfluskápur A1 samsettur með einingum	SZE2	IP54	stk	1	124.254 ISK	154.075 ISK	154.075 ISK
Innkomandi aflrofi	ABB		stk	1	94.890 ISK	117.664 ISK	117.664 ISK
Aflrofi dælu	ABB		stk	1	22.605 ISK	28.030 ISK	28.030 ISK
Loftræstivifta	Vent-Axia	IP54	stk	1	35.500 ISK	44.020 ISK	44.020 ISK
Hitablásari	Elbjörn	IP44	stk	1	18.427 ISK	22.849 ISK	22.849 ISK
Álrör 20mm með festingum			m	30	242 ISK	300 ISK	9.002 ISK
Stýristrengur 2x2x0,5q	Draka		m	70	115 ISK	143 ISK	9.982 ISK
Halogenfrír aflkaplar 3x1.5q	Exzhellent		m	20	116 ISK	144 ISK	2.877 ISK
Halogenfrír aflkaplar 3x2.5q	Exzhellent		m	15	158 ISK	196 ISK	2.939 ISK
Halogenfríir aflkaplar 5x4q	Exzhellent		m	12	381 ISK	472 ISK	5.669 ISK
Halogenfríir aflkaplar 5x70q	Exzhellent		m	10	7.203 ISK	8.932 ISK	89.317 ISK
Hraðast.str. Skerm. Ölflex 3x35+3G4	Ölflex		m	15	2.173 ISK	2.695 ISK	40.418 ISK
Álstrengur 5G150q	Draka		m	150	2.714 ISK	3.365 ISK	504.804 ISK
Ljósleiðari	AXAI		m	10	239 ISK	296 ISK	2.964 ISK
Koparstrengur 50q	Stranded		m	150	695 ISK	862 ISK	129.270 ISK
Koparstrengur 25q	Stranded		m	50	376 ISK	466 ISK	23.312 ISK
Kapalstigi 300mm með festingum	Wibe		m	20	11.388 ISK	14.121 ISK	282.422 ISK
Safnskinna á vegg, kopar 630A	Hager		stk	1	6.932 ISK	8.596 ISK	8.596 ISK
16q jarðvír fyrir jarðbindingu	Lappkabel		m	50	225 ISK	279 ISK	13.950 ISK
Vinna við uppsetningu á búnaði og tengingar.			stk	80	7.000 ISK	8.680 ISK	694.400 ISK

Vinna við víringar og uppsetningu skápa	stk	60	7.000 ISK	8.680 ISK	520.800 ISK
Vinna við hönnun á stýringum	stk	240	13.500 ISK	16.740 ISK	4.017.600 ISK
				Samtals verð	12.364.687 ISK

10 Heimildir

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11 Myndaskrá

12 Töfluskrá

13 Viðaukar

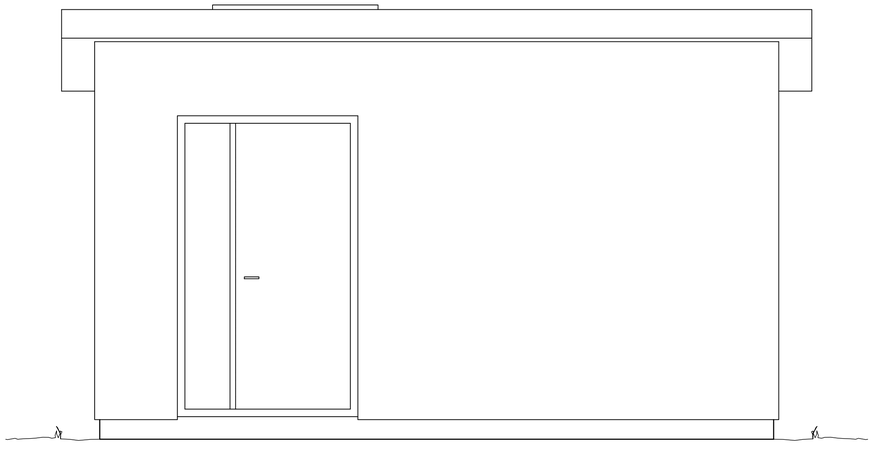
Viðauki 1 – Raflagnateikningar

Viðauki 2 – Útprentun úr Dialux lýsingarhönnunarforriti

Viðauki 3 – Skýrsla úr TIA portal

Borholuhús RV-41

Lokaverkefni rafiðnfræði



Valgarður Daði Gestsson
Arnþór Tryggvason

Útgáfa	Dags.	Skýring	Breytt af

Verkheiti:	Borholuhús RV-41
Heimilisfang:	Rafstöðvarvegur Reykjavík
Verkkaupi:	Háskólinn í Reykjavík 000000-0000
Verktegund:	Raflagnir

Raflagnateikningar

Forsíða

Hannað af: AT	Dags.: 13.09.19
Yfirfarið af: VDG	Mkv.:

Samþykkt:

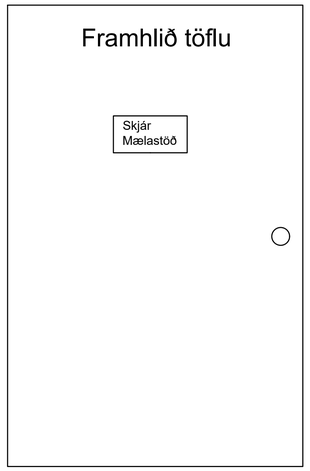
Arnþór Tryggvason 080388-3739

LOGO	Nafn fyrirtækis Heimilsfang Sími Netfang Kt.

Verknúmer	Ábyrgð	Númer	Útgáfa
L2019	VG	01.LOK.00	01

Frumt A1

Tafla +T1



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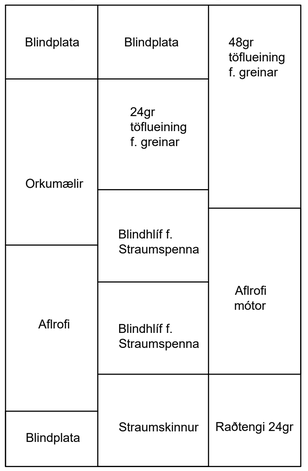
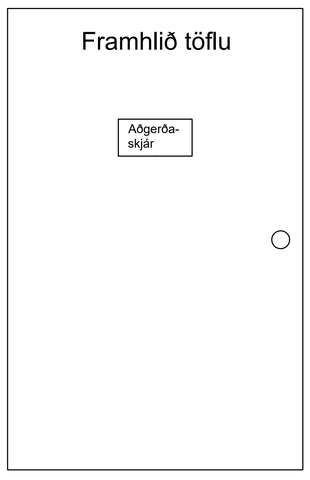


Tafla +A1



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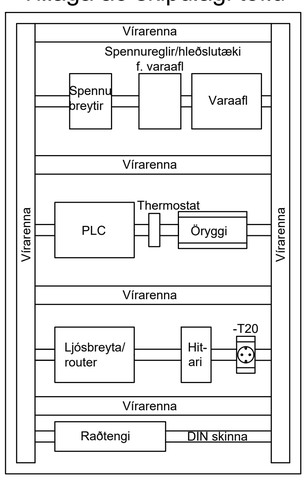


Skýringar

Vírar skulu vera tengdir með vírendahulsum.

-Litur víra skal vera í samræmi við lista hér að neðan

Jarðvír	Gulur/Grænn
Núlltaug	Blár
230-400VAC	Svartur
24V DC +	Rauður
24 DC -	Hvítur
Millilína	Grár
24V AC	Brúnn
0V AC	Fjólublár

Allir vírar skulu vera merktir með víramerkjum í báða enda

Strengi skal taka inn í skáp að neðanverðu

Raðtengi fyrir 230V núll skulu vera blá að lit
Raðtengi fyrir PE skulu vera gul/græn að lit
Raðtengi fyrir stýri/mælirásir skulu vera rjúfanleg með hnífrofa

Útgáfa	Dags.	Skýring	Breytt af

Verkheiti:	Borholuhús RV-41
Heimilisfang:	Rafstöðvarvegur Reykjavík
Verkkaupi:	Háskólinn í Reykjavík 000000-0000
Verktegund:	Raflagnir

Raflagnir

Útlit taflna

Hannað af: AT — Dags.: 13.09.19
Yfirfarið af: VDG — Mkv.: 1:20

Samþykkt:

Arnþór Tryggvason 080388-3739

LOGO	Nafn fyrirtækis Heimilsfang Sími Netfang Kt.

Verknúmer	Ábyrgð	Númer	Útgáfa
L2019	VG	01.LOK.11	01

Fjumm A1

+00BFA41
Töfluskápur T1
1200x800x275mm

Fasaskinnur L1-L2-L3-N-PE 400V 250A

+00LBA41 GS100
-Q10
112/160A

X10

+00LBA31 GS100 -W11.1
5G50 mm2 CU

+00LBA41 GS100
-U01
75kW

+00LBA41 GS100 -W11.2
3x + 3x35+3G6 mm2 CU

+00LBA41 GS100
-M01
Mótorstæ
126A

-Q20 35A/63 A

GX211
F21 1
B 16A
X21
+00BFA41 GX211-W21
3G2,5 mm2
+00CTA41 Stjórnskápur T1

GX220
F22 3
C 16A
X22
Til vara

GX230
F23 3
C 10A
X23
Til vara

-Q30 50A/63 A

GP311
F31 2
B 10A / 30 mA Sólúr í töflu fyrir útiljós
X31
+00BFA41 GP311 -W31
3G1.5 mm2
Ljósagrein inni

GP322
F32 2
B 10A / 30 mA
-K01
X32
+00BFA41 GP322 -W32
3G1.5 mm2
Útiljós

GQ330
F33 4
C 32A / 30 mA
X33
+00BFA41 GQ330 -W33
5G4 mm2
32A Vinnutengill

GQ343
F34 2
B 16A / 30mA Spólurofi loftræstiblásari
X34
+00BFA41 GP343 -W34
3G2,5 mm2
Vinnutenglar

GQ351
F35 2
B 10A / 30 mA
-K02
A1 - +00CTA41
X35
+00BFA41 GP351 -W35
3G2,5 mm2
Loftræstiblásari

X35.1
+00BFA41 GQ351-W35.1
3G1,5 mm2
Strengur að útgang iðntölvu í skáp +00CTA41

GQ362
F36 2
B 16A / 30 mA
X36
+00BFA41 GQ362-W36
3G2,5 mm2
Hitablásari

GQ373
F37 2
B 10A / 30 mA
X37
Til vara

-P02
Mælastöð
-V01-V02-V03
250/5A
3

+00BFA41 CE002
-Q03
2A

-P01
Wh
-V01-V02-V03
250/5A
3

+00BFA41 CE001
-Q02
2A

+00BFA41 GS100
-Q01
128/320A

N
PEN
PE

150 q
150 q
25 q

STOFN
Frá götu-
kassa

16q
Spennujöfnun
sökkulteina

16q
Leiðandi hlutir

16q
Strengstigi

16q
Fóðring borholu

Gul/Grænn
50q CU
jarðskautsvír

25 mm2
Sérjarðskaut
2-3 metrar á milli
Sérjarðskaut

3x400V
4x150q AL

Dreifistöð
Elliðarárdal
Spennir 500KVA
11kV/0.4kV

Skýringar

Vírar skulu vera tengdir með vírendahulsum.

-Litur víra skal vera í samræmi við lista hér að neðan

Jarðvír	Gulur/Grænn
Núlltaug	Blár
230-400VAC	Svartur
24V DC +	Rauður
24 DC -	Hvítur
Millilína	Grár
24V AC	Brúnn
0V AC	Fjólublár

Allir vírar skulu vera merktir með víramerkjum í báða enda

Strengi skal taka inn í skáp að neðanverðu

Raðtengi fyrir 230V núll skulu vera blá að lit
Raðtengi fyrir PE skulu vera gul/græn að lit
Raðtengi fyrir stýri/mælirásir skulu vera rjúfanleg með hnífrofa

Útgáfa	Dags.	Skýring	Breytt af
Verkheiti:	Borholuhús RV-41		
Heimilisfang:	Rafstöðvarvegur Reykjavík		
Verkkaupi:	Háskólinn í Reykjavík 000000-0000		
Verktegund:	Raflagnir		

Raflagnir
Einlínumynd

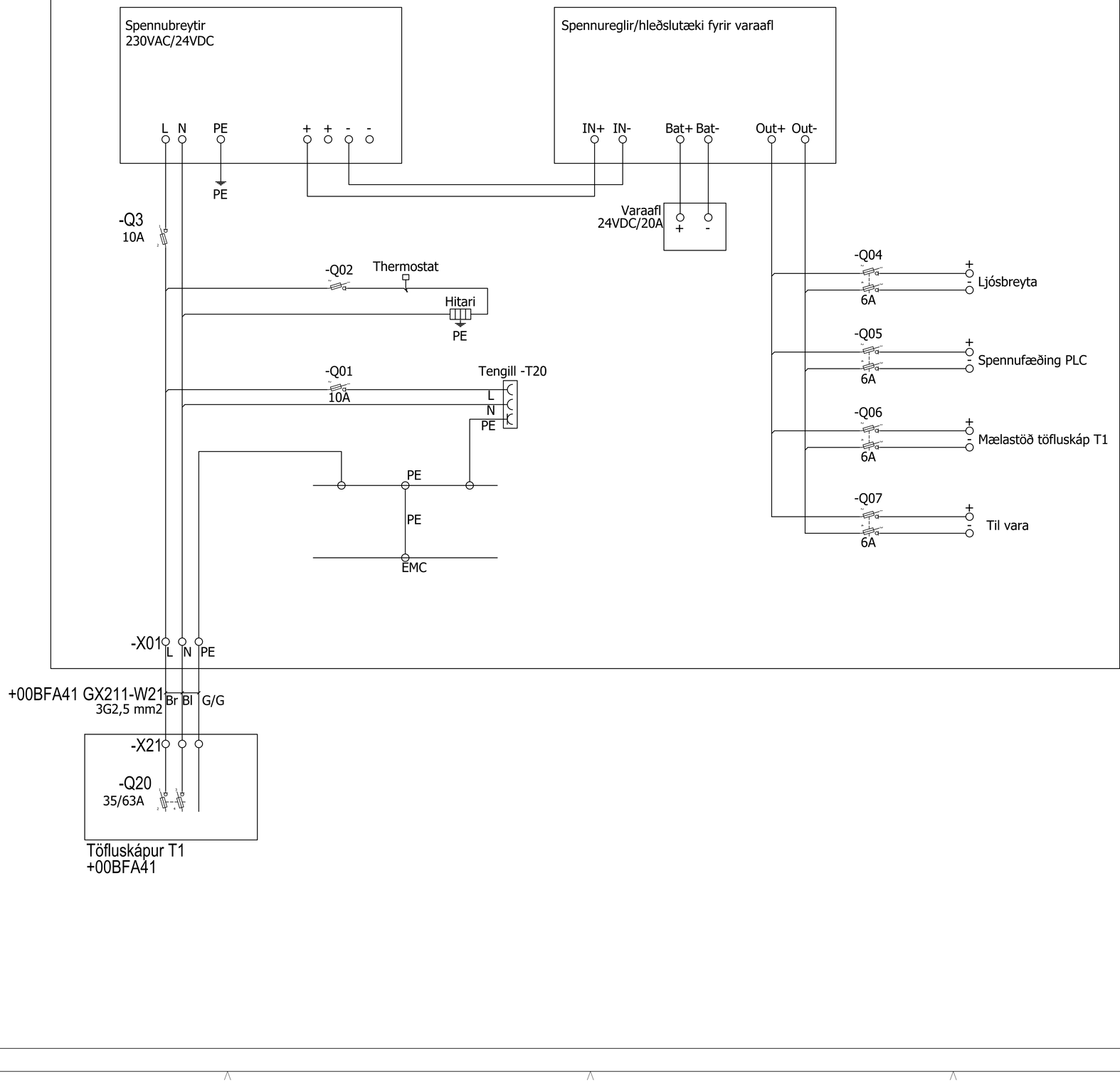
Hannað af: AT Dags.: 13.09.19
Yfirfarið af: VDG Mkv.: 1:20
Samþykkt:

Arnþór Tryggvason 080388-3739

LOGO	Nafn fyrirtækis Heimilisfang Sími Netfang Kt.

Verknúmer	Ábyrgð	Númer	Útgáfa
L2019	VG	01.LOK.12	01

Fjumst A1



Skýringar

Vírar skulu vera tengdir með vírendahulsum.

-Litur víra skal vera í samræmi við lista hér að neðan

Jarðvír	Gulur/Grænn
Núlltaug	Blár
230-400VAC	Svartur
24V DC +	Rauður
24 DC -	Hvítur
Millilína	Grár
24V AC	Brúnn
0V AC	Fjólublár

Allir vírar skulu vera merktir með víramerkjum í báða enda

Strengi skal taka inn í skáp að neðanverðu

Raðtengi fyrir 230V núll skulu vera blá að lit
Raðtengi fyrir PE skulu vera gul/græn að lit
Raðtengi fyrir stýri/mælirásir skulu vera rjúfanleg með hnífrofa

Útgáfa	Dags.	Skýring	Breytt af

Verkheiti: Borholuhús RV-41

Heimilisfang: Rafstöðvarvegur, Reykjavík

Verkkaupi: Háskólinn í Reykjavík, 000000-0000

Verktegund: Raflagnir

Raflagnir

Einlínumynd

Hannað af: AT Dags.: 13.09.19

Yfirfarið af: VDG Mkv.: 1:20

Samþykkt:

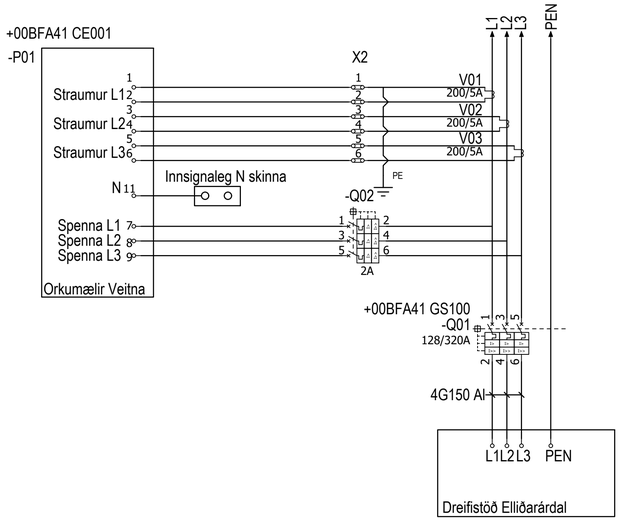
Arnþór Tryggvason 080388-3739

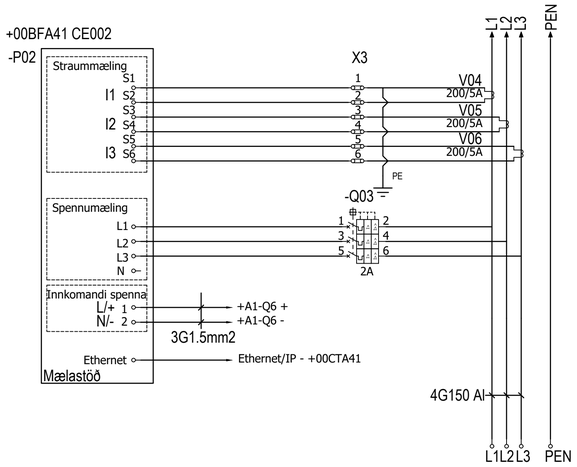
LOGO

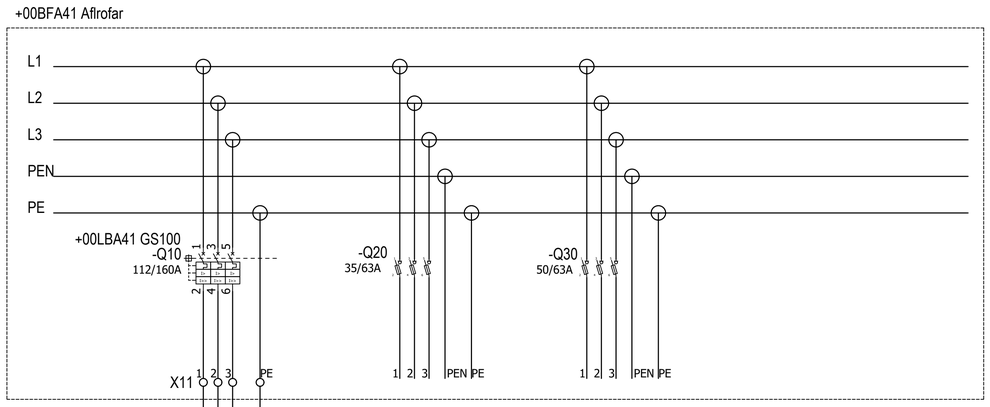
Nafn fyrirtækis
Heimilsfang
Sími
Netfang
Kt.

Verknúmer	Ábyrgð	Númer	Útgáfa
L2019	VG	01.LOK.13	01

Frumt A1







Skýringar

Vírar skulu vera tengdir með vírendahulsum.

-Litur víra skal vera í samræmi við lista hér að neðan

Jarðvír	Gulur/Grænn
Núlltaug	Blár
230-400VAC	Svartur
24V DC +	Rauður
24 DC -	Hvítur
Millilína	Grár
24V AC	Brúnn
0V AC	Fjólublár

Allir vírar skulu vera merktir með víramerkjum í báða enda

Strengi skal taka inn í skáp að neðanverðu

Raðtengi fyrir 230V núll skulu vera blá að lit
Raðtengi fyrir PE skulu vera gul/græn að lit
Raðtengi fyrir stýri/mælirásir skulu vera rjúfanleg með hnífrofa

Útgáfa	Dags.	Skýring	Breytt af
Verkheiti:	Borholuhús RV-41		
Heimilisfang:	Rafstöðvarvegur Reykjavík		
Verkkaupi:	Háskólinn í Reykjavík 000000-0000		
Verktegund:	Raflagnir		

Raflagnir

Aflrofar og mælistöðvar

Hannað af: AT	Dags.: 13.09.19
Yfirfarið af: VDG	Mkv.: 1:20

Samþykkt:

Arnþór Tryggvason 080388-3739

LOGO	Nafn fyrirtækis Heimilisfang Sími Netfang Kt.

Verknúmer	Ábyrgð	Númer	Útgáfa
L2019	VG	01.LOK.05	01

Fjumst A1

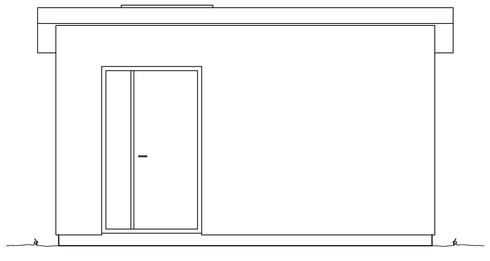
Borholuhús RV-41

4x150 Al
+50q CU jarðtaug

N

Rafstöðvarvegur

Dreifistöð
Spennir 500kVA
11kV/0.4kV



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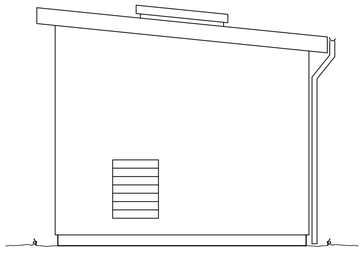

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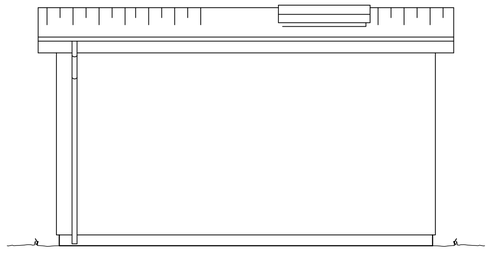
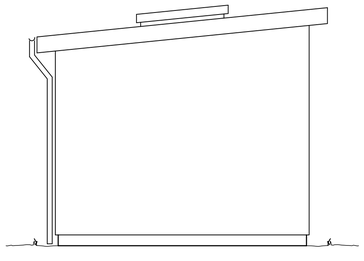


Suðurhlið



Austurhlið

Útgáfa	Dags.	Skýring	Breytt af

Verkheiti:	Borholuhús RV-41
Heimilisfang:	Rafstöðvarvegur Reykjavík
Verkkaupi:	Háskólinn í Reykjavík 000000-0000
Verktegund:	Raflagnir

Raflagnir
Afstöðumynd

Hannað af: AT	Dags.: 13.09.19
Yfirfarið af: VDG	Mkv.: 1:100

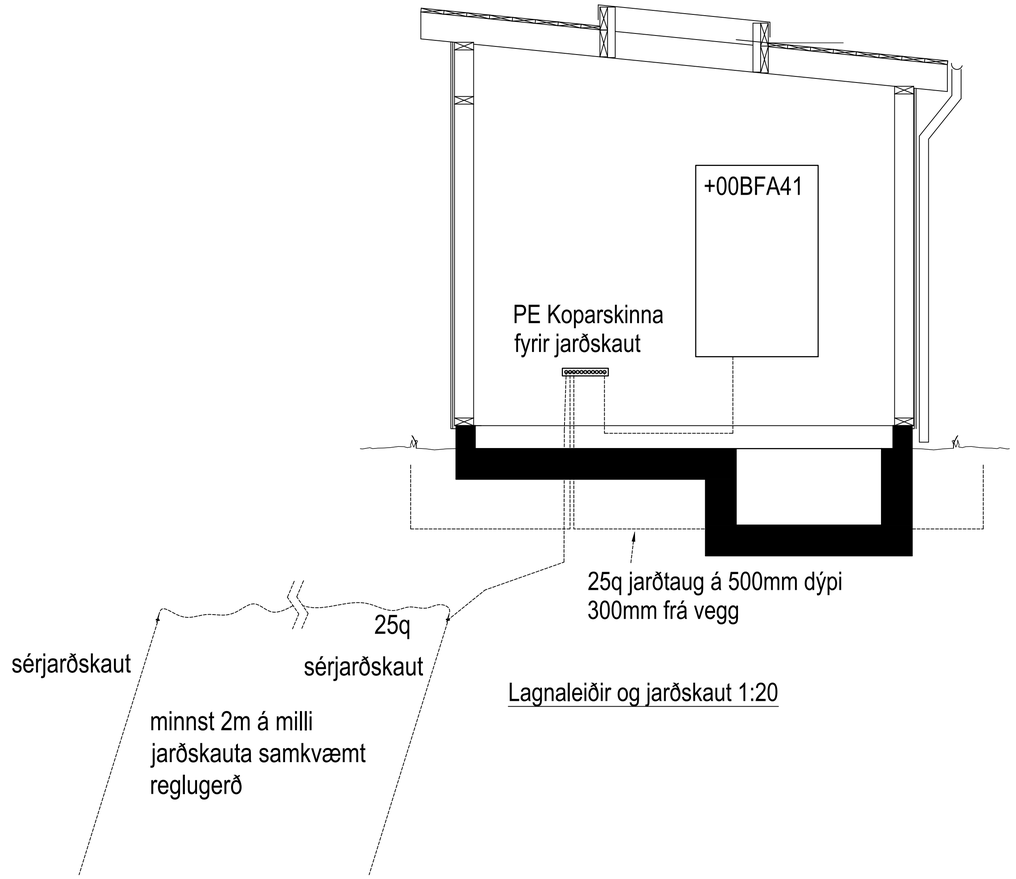
Samþykkt:

Arnþór Tryggvason 080388-3739

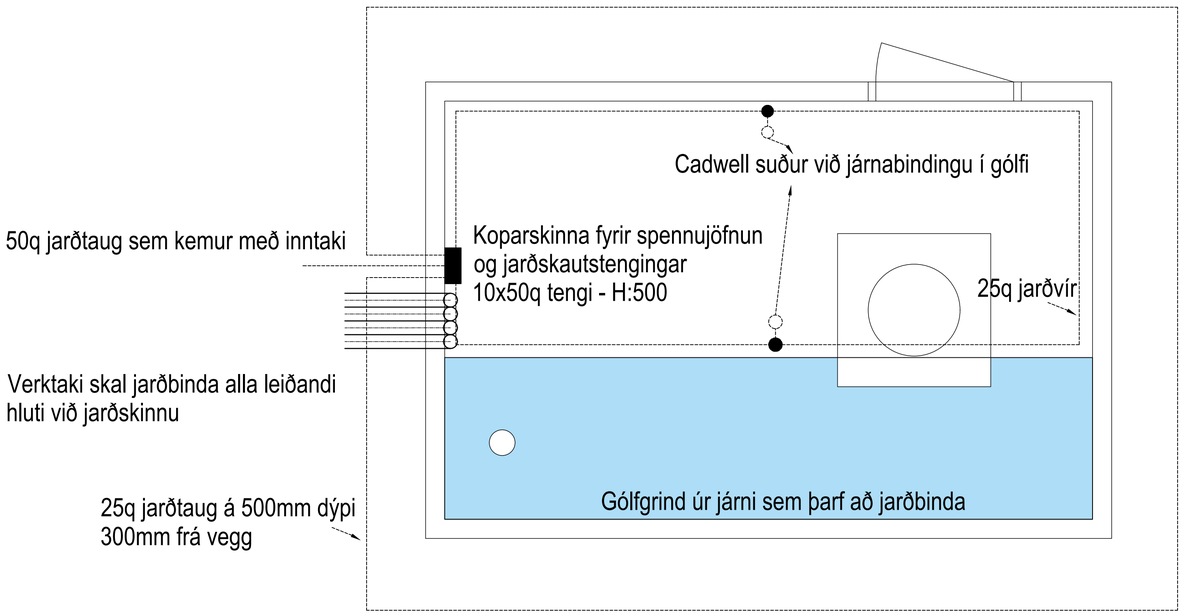
LOGO	Nafn fyrirtækis Heimilisfang Sími Netfang Kt.

Verknúmer	Ábyrgð	Númer	Útgáfa
L2019	VG	01.LOK.01	01

Frumt A1



Lagnaleiðir og jarðskaut 1:20



Jarðskaut 1:20

Útgáfa	Dags.	Skýring	Breytt af

Verkheiti: Borholuhús RV-41

Heimilisfang: Rafstöðvarvegur
Reykjavík

Verkkaupi: Háskólinn í Reykjavík
000000-0000

Verktegund: Raflagnir

Raflagnir

Jarðskaut

Hannað af: AT Dags.: 13.09.19

Yfirfarið af: VDG Mkv.: 1:20

Samþykkt:

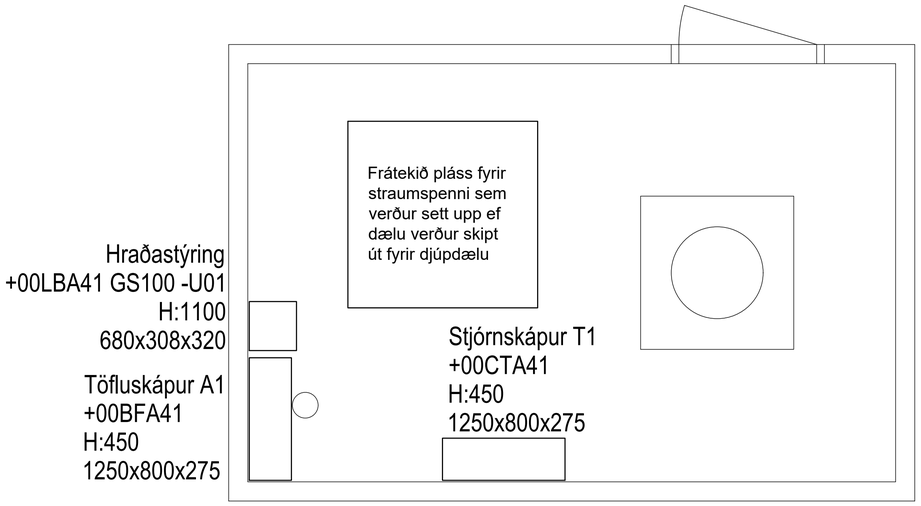
Arnþór Tryggvason 080388-3739

LOGO

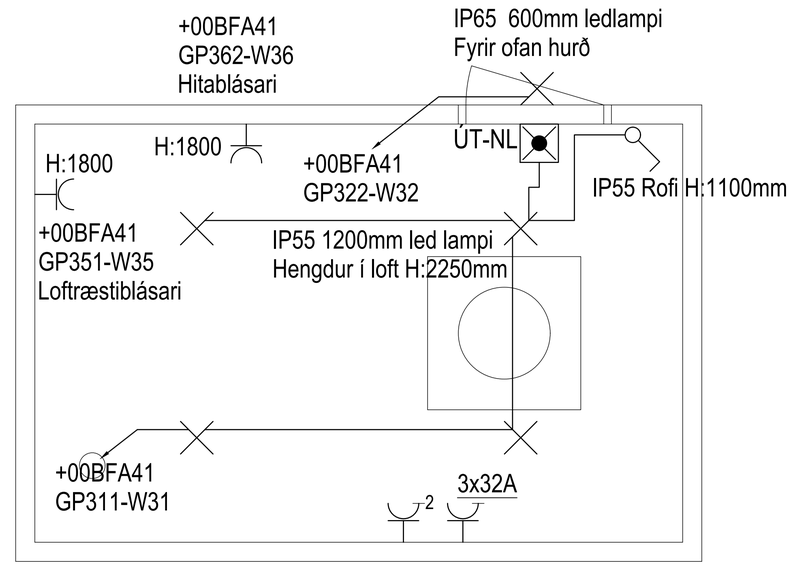
Nafn fyrirtækis
Heimilisfang
Sími
Netfang
Kt.

Verknúmer	Ábyrgð	Númer	Útgáfa
L2019	VG	01.LOK.02	01

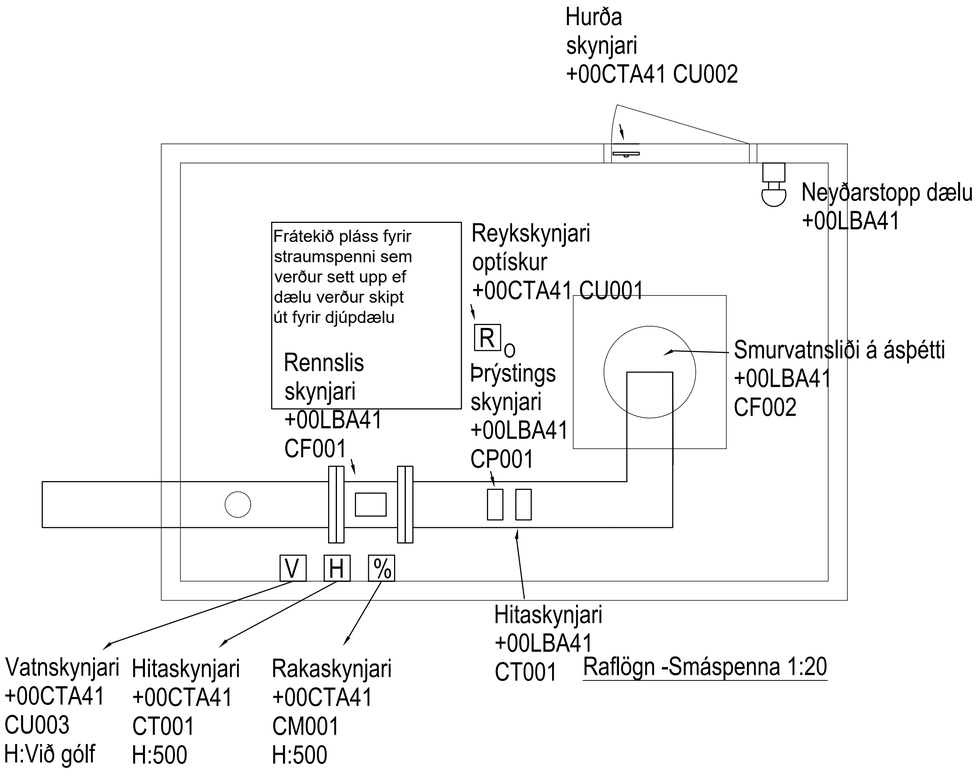
Frumt A1



Raflögn -Töfluskápar 1:20



Raflögn - Lágspenna 1:20



Raflögn -Smáspenna 1:20

Skýringar

Inntaksrör skulu vera 70cm undir endanlegu yfirborði
Inntaksrör rafveitu skal vera 110 mm
Inntaksrör fyrir ljósleiðara skal vera 50mm
Inntaksrör leggist að lóðarmörkum
Heimtaug rafveitu 400V 3x200A

Tengja skal saman tvö neðstu járnin í sökkulveggnum
allan úthringinn og að upptaki í tengiboxi
Setja skal tvo víralása á hver samskeyti
Steyputeinar skulu vera 12mm í þvermáli

Öll mál eru í mm, nema annars sé getið

Tafla og rafbúnaður skal vera af viðurkenndri gerð og uppfylla skilyrði um rakavörn að lágmarki IP5X

Hæð rofa er 1100mm, hæð tengla er 200mm, nema annars sé getið

Málstraumur rofa skal vera 13A og tengla 16A

Hæð tengla við rofa skal vera sú sama og rofa

Greinar eru ekki sýndar í öllum tilvikum að töflu, en eru þá merktar viðkomandi töflu og grein

Vírar eru 1,5mm2 í þvermál, nema annars sé getið

Röralagnir fyrir ljós og tengla skulu lagðar með 20mm álrörum festum með álstólum.

Verk skal unnið samkv. IST-200 staðli

Útgáfa	Dags.	Skýring	Breytt af

Verkheiti:	Borholuhús RV-41
Heimilisfang:	Rafstöðvarvegur Reykjavík
Verkkaupi:	Háskólinn í Reykjavík 000000-0000
Verktegund:	Raflagnir

Raflagnir

Lagnaleiðir og jarðskaut

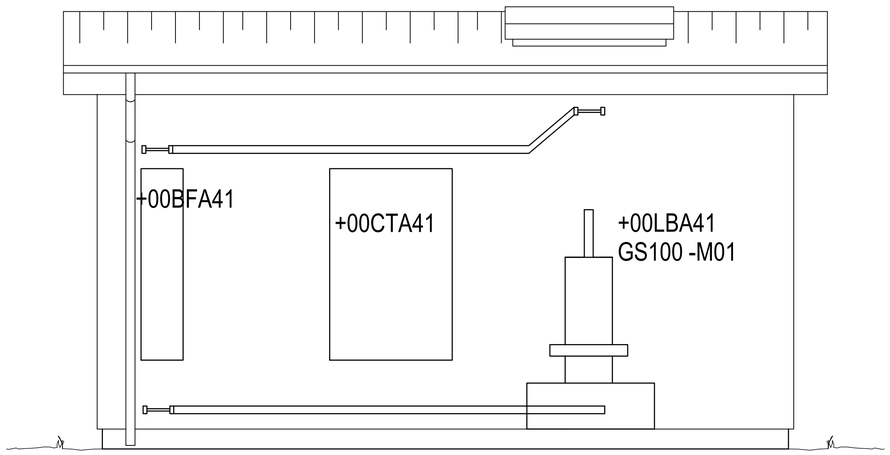
Hannað af: AT	Dags.: 13.09.19
Yfirfarið af: VDG	Mkv.: 1:20
Samþykkt:	
Arnþór Tryggvason	080388-3739

LOGO

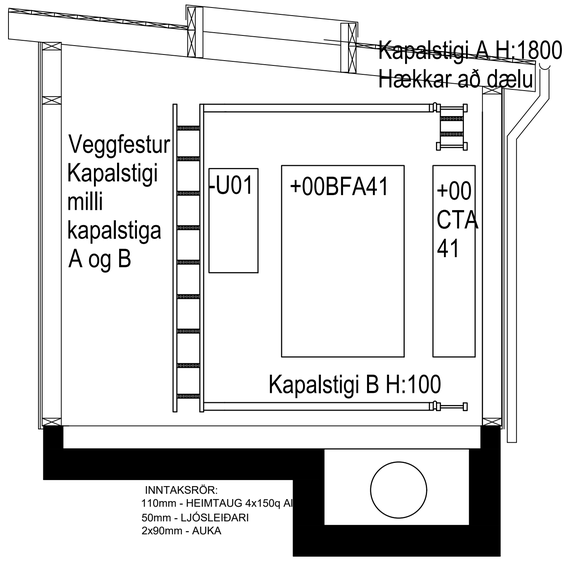
Nafn fyrirtækis
Heimilsfang
Sími
Netfang
Kt.

Verknúmer	Ábyrgð	Númer	Útgáfa
L2019	VG	01.LOK.03	01

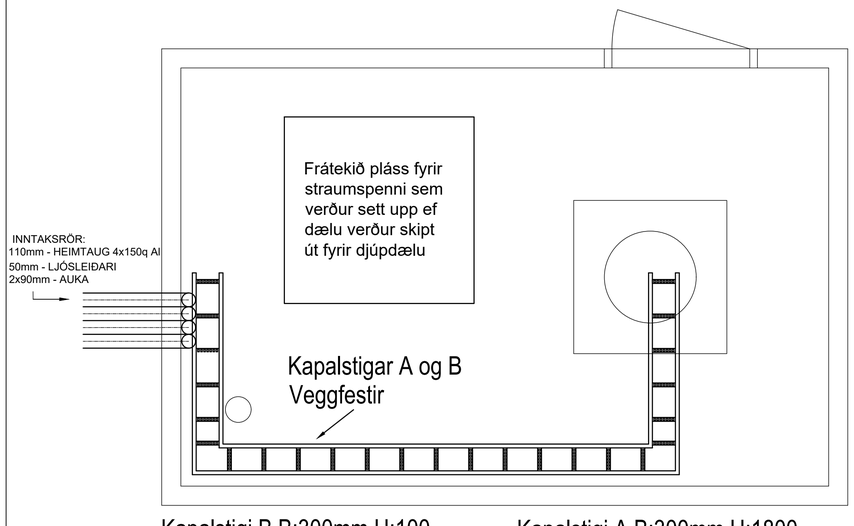
Frumt A1



Lagnaleiðir 1:20



Lagnaleiðir 1:20



Kapalstigi B B:300mm H:100
Undir töflur

Kapalstigi A B:300mm H:1800
Yfir töflur og að dælu, hækkar í 2050 yfir dælu

Lagnaleiðir 1:20

Útgáfa	Dags.	Skýring	Breytt af

Verkheiti:	Borholuhús RV-41
Heimilisfang:	Rafstöðvarvegur Reykjavík
Verkkaupi:	Háskólinn í Reykjavík 000000-0000
Verktegund:	Raflagnir

Raflagnir
Lagnaleiðir

Hannað af: AT	Dags.: 13.09.19
Yfirfarið af: VDG	Mkv.: 1:20

Samþykkt:

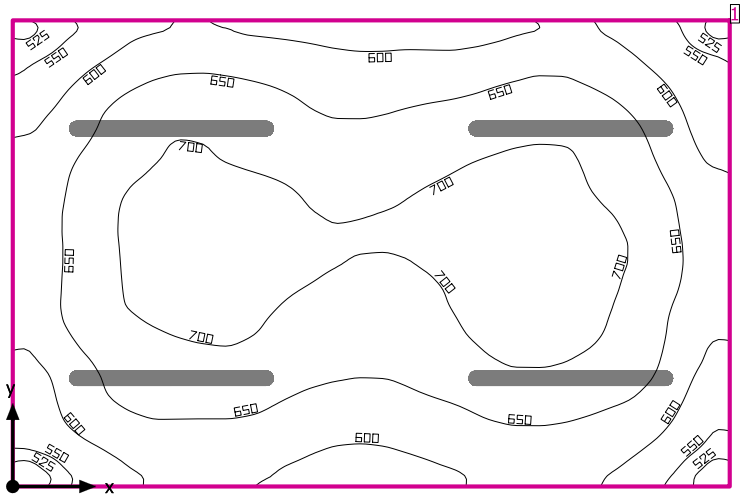
Arnþór Tryggvason 080388-3739

LOGO	Nafn fyrirtækis Heimilsfang Sími Netfang Kt.

Verknúmer	Ábyrgð	Númer	Útgáfa
L2019	VG	01.LOK.04	01

Frumt A1

Room 2



Clearance height: 2.505 m, Reflection factors: Ceiling 70.0%, Walls 85.0%, Floor 23.0%, Maintenance factor: 0.80

Workplane

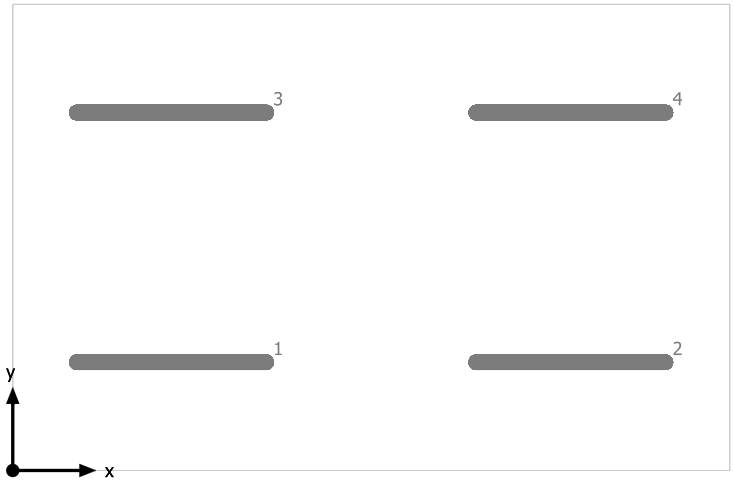
	Surface	Result	Average (Target)	Min	Max	Min/average	Min/max
1	Workplane 2	Perpendicular illuminance (adaptive) [lx] Height: 0.800 m, Wall zone: 0.000 m	653 (≥ 500)	504	730	0.77	0.69

#	Luminaire	Φ(Luminaire) [lm]	Power [W]	Luminous efficacy [lm/W]
4	Philips - WT120C L1200 1xLED22S/840	2899	23.5	123.4
	Total via all luminaires	11596	94.0	123.4

Lighting power density: 7.79 W/m² = 1.19 W/m²/100 lx (Floor area of room 12.06 m²)

The energy consumption quantities refer to the lights planned for the room without taking into account light scenes and their dimming levels.
Consumption: 260 kWh/a of maximum 450 kWh/a

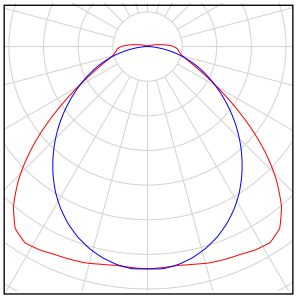
Room 2



Philips WT120C L1200 1xLED22S/840

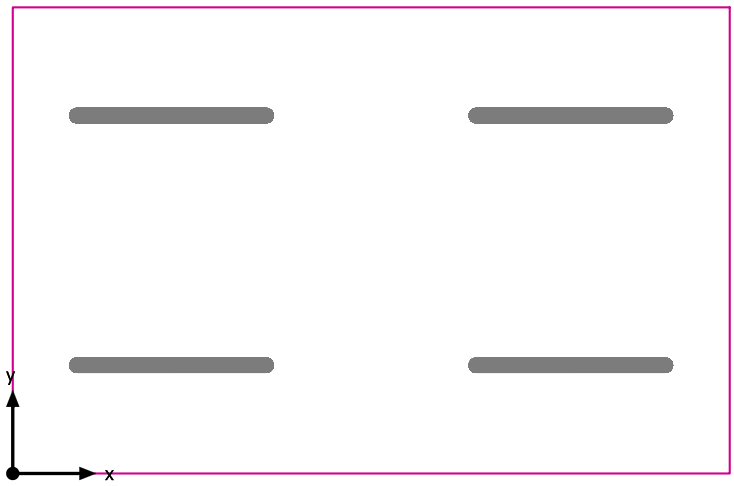
No.	X [m]	Y [m]	Mounting height [m]	Maintenance factor
1	0.954	0.650	2.800	0.80
2	3.353	0.650	2.800	0.80
3	0.954	2.150	2.800	0.80
4	3.353	2.150	2.800	0.80

Room 2

Quantity	Luminaire (Luminous emittance)		
4	Philips - WT120C L1200 1xLED22S/840 Luminous emittance 1 Fitting: 1xLED22S/840/- Light output ratio: 99.98% Lamp luminous flux: 2900 lm Luminaire luminous flux: 2899 lm Power: 23.5 W Luminous efficacy: 123.4 lm/W Colourimetric data 1xLED22S/840/-: CCT 3000 K, CRI 100		

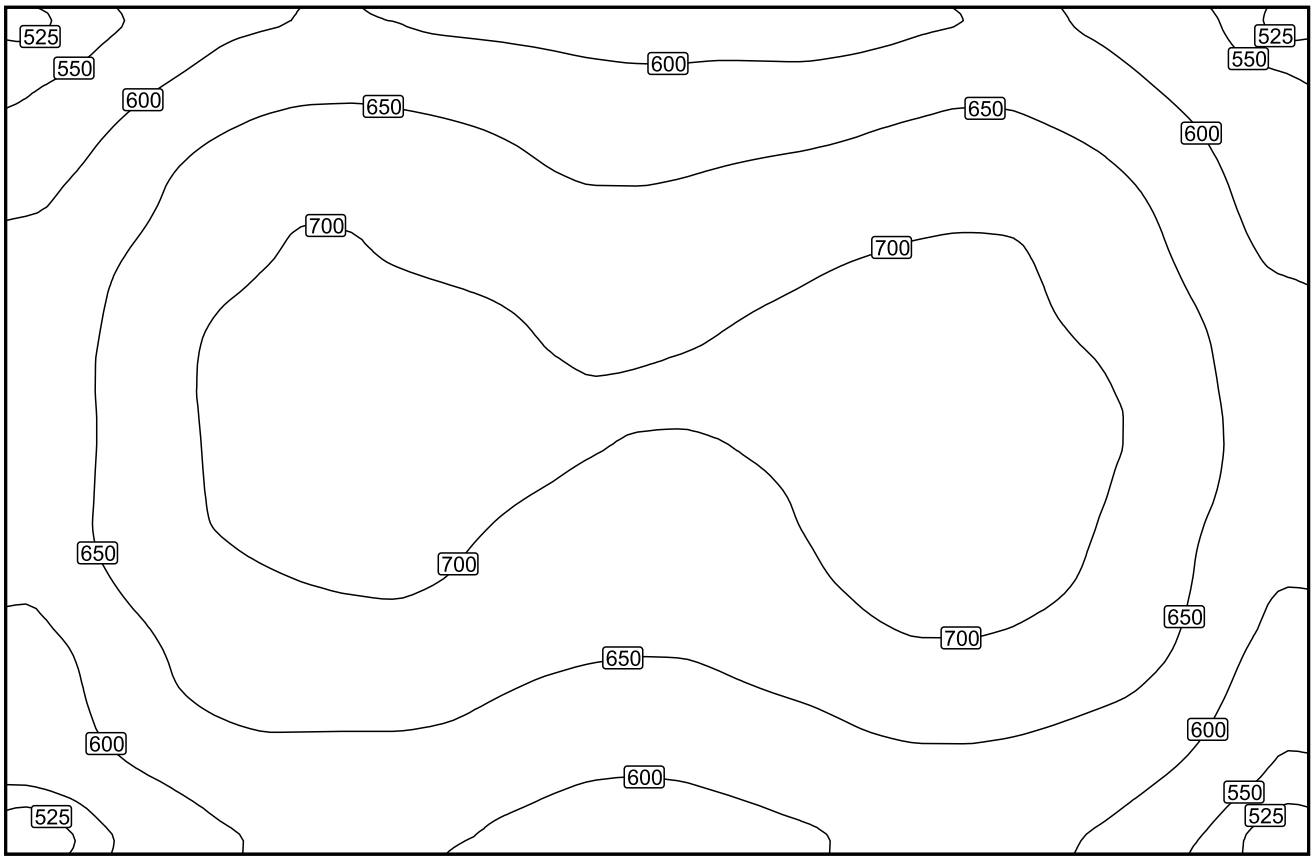
Total lamp luminous flux: 11600 lm, Total luminaire luminous flux: 11596 lm, Total Load: 94.0 W, Luminous efficacy: 123.4 lm/W

Workplane 2 / Perpendicular illuminance (adaptive)



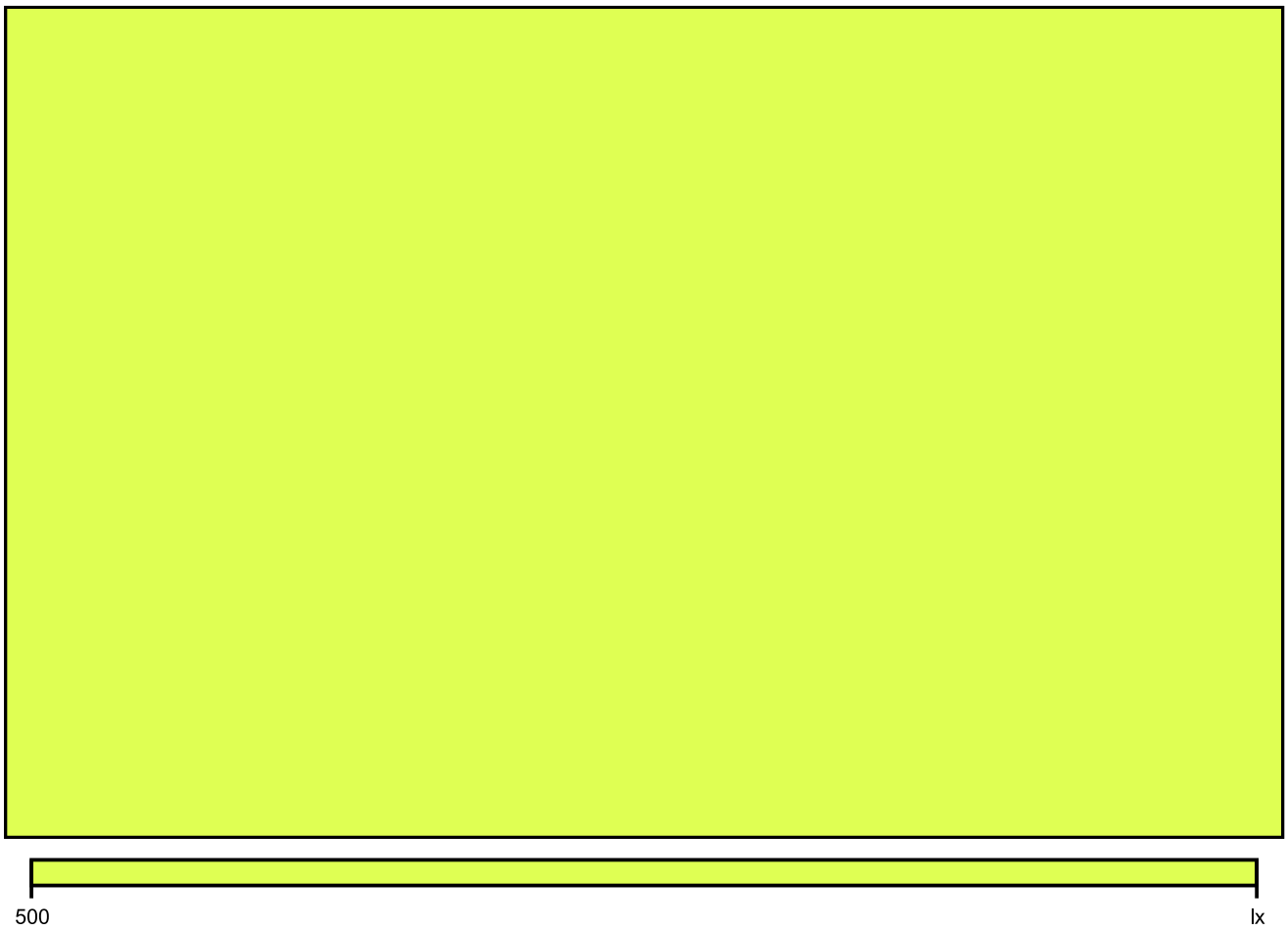
Workplane 2: Perpendicular illuminance (adaptive) (Surface)
Light scene: Light scene 1
Average: 653 lx (Target: ≥ 500 lx), Min: 504 lx, Max: 730 lx, Min/average: 0.77, Min/max: 0.69
Height: 0.800 m, Wall zone: 0.000 m

Isolines [lx]



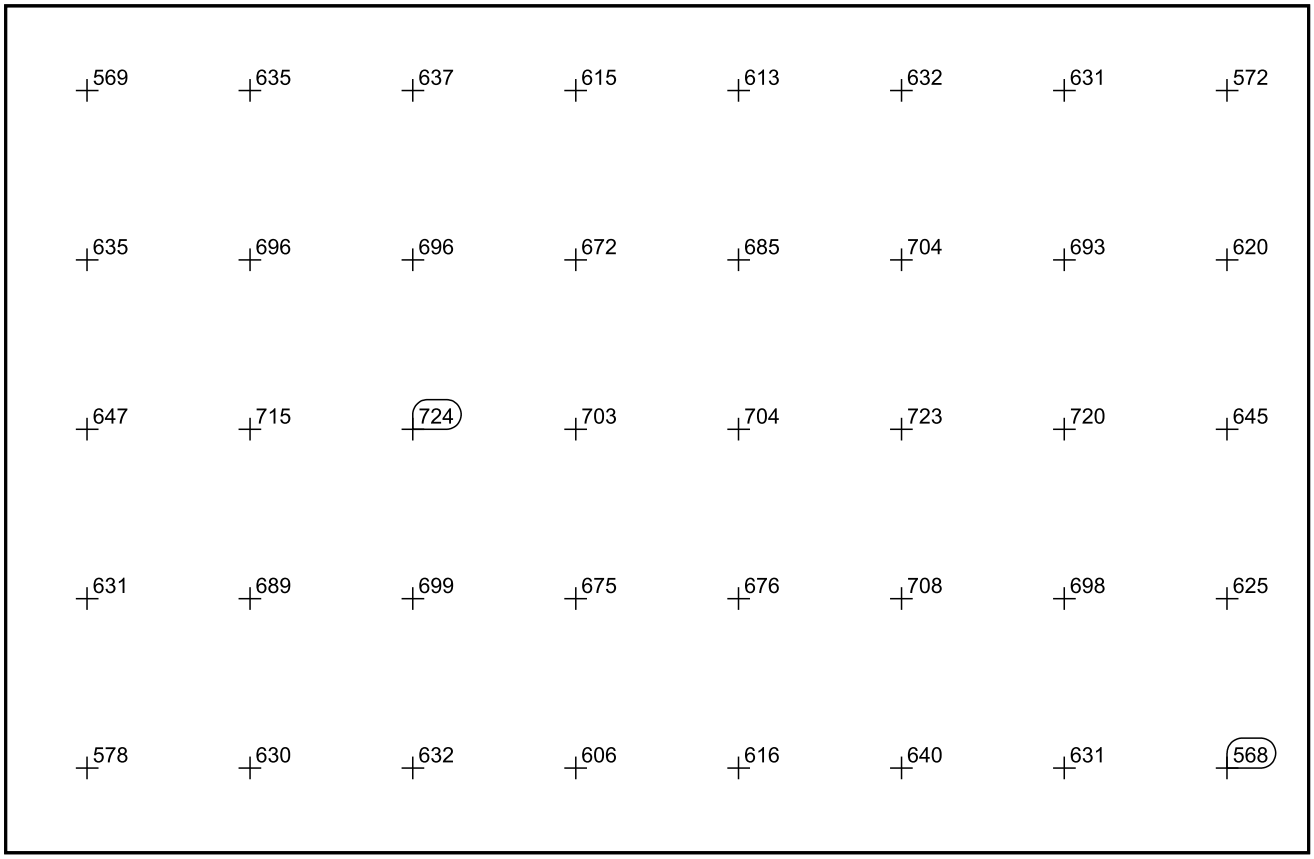
Scale: 1 : 25

False colours [lx]



Scale: 1 : 25

Value grid [lx]



Scale: 1 : 25

Lokaverkefni_02_11_19

Project							
Name:	Lokaverkefni_02_11_19	**Creation time:**	11/2/2019 10:30:35 AM	**Last change**	11/21/2019 12:13:02 PM	**Author:**	vgest_arnthor
Last modified by:	arnthort	**Version:**					
Comment:							

Operating system	
Name	**Description**
Operating system	Microsoft Windows 10 Enterprise
Version of the operating system	6.3.9600.0
Operating system service pack	
Version of the Internet Explorer	11.2108.15063.0
Computer name	FA208
User name	OR\arnthort
Installation path of the TIA Portal	C:\Program Files\Siemens\Automation\Portal V15_1

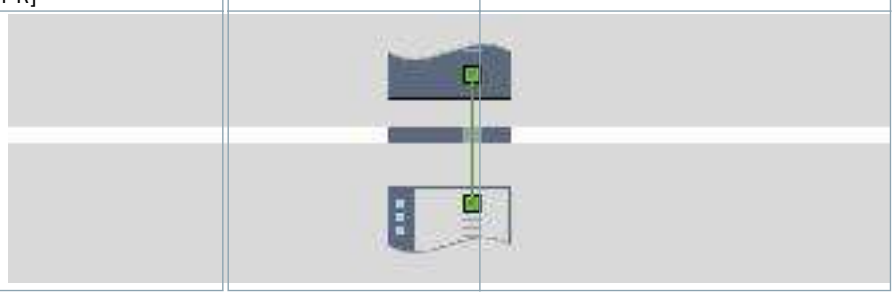
Components		
Name	**Version**	**Release**
TIA Portal Multiuser Server V15.1 - TIA Portal Multiuser Server Single Setup-Package V15.1 (MUSERVERV15_1)	V15.1	V15.01.00.00_28.01.00.01
TIA Administrator - AWB Licensing Module V1.0 + SP1 (TIAADMIN)	V1.0 + SP1	V01.00.01.00_01.22.00.03
TIA Administrator - AWB Software Management V1.0 + SP1 (TIAADMIN)	V1.0 + SP1	V01.00.01.00_01.22.00.03
TIA Administrator - TIA UMC Agent Configurator Module V1.0 + SP1 (TIAADMIN)	V1.0 + SP1	V01.00.01.00_01.22.00.03
TIA Administrator - TIA Administrator V1.0 SP1 (TIAADMIN)	V1.0 + SP1	V01.00.01.00_01.22.00.03
Siemens Totally Integrated Automation Portal V15.1 - HM All Editions Single SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - HM NoBasic Single SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - Hardware Support Base Package 0 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Multiuser Client Single SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - STEP 7 Single Setup-Package V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - Hardware Support Base Package 02 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Hardware Support Base Package 03 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Hardware Support Base Package 04 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Support Base Package TO-01 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Support Base Package TO-02 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Hardware Support Base Package WCF-01 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - TIACOMPCHECK Single SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - Simatic Single Setup-Package V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - WinCC Single Setup-Package V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - Openness SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - WinCC Transfer Current All Single SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - WinCC Transfer Current CAP Single SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - WinCC Transfer Mandatory Single SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
User Management Component - UserManagementComponentx64 01.9 + SP1 (UMC64)	V01.9 + SP1 + Upd3	V01.09.01.03_01.01.00.11
WinCC Runtime Advanced V15.1 - HMIRTM Tagging Package 01 Single SetupPackage V15.1 (HMIRTM_V11)	V15.1	V15.01.00.00_28.01.00.01
PLCSIM Advanced Single SetupPackage - PLCSIM Advanced Single Setup-Package V2.0 SP1 (PLCSIMADV)	V2.0 + SP1	V02.00.01.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - Simatic Single Setup-Package 32 Bit V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - WinCC Single Setup-Package 32 Bit V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
SIMATIC HMI License Manager Panel Plugin (x64)	15.1.0.0	V15.01.00.00_28.01.00.01
SIMATIC WinCC Runtime Advanced Driver (x64)	15.1.0.0	V15.01.00.00_28.01.00.01
SIMATIC NCM FWL 64	5.6.0.3	K5.6.0.3_1.1.0.2
NCM GPRS 64	01.02.00.00	V1.2.0.0_2.1.0.1
SIMATIC PLCSIM 64	15.01.00	15.01.00.00_17.00.02.01
SIMATIC PLCSIM Advanced Driver64	2.0.1.0	V02.00.01.00_28.01.00.01
SIMATIC Device Drivers	9.2	09.02.01.00_01.11.00.01
Automation Software Updater	02.04.0000	V02.04.00.00_01.12.00.05
SIEMENS OPC	3.9	03.09.08.00_01.07.00.01
SIMATIC PLCSIM Advanced SimRT	2.0.1.0	V02.00.01.00_28.01.00.01
SIMATIC HMI ProSave	15.1.0.0	V15.01.00.00_28.01.00.01
SIMATIC HMI Symbol Library	15.1.0.0	V15.01.00.00_28.01.00.01
SIMATIC HMI Touch Input	15.1.0.0	V15.01.00.00_28.01.00.01
SIMATIC Device Drivers WoW	29.2	29.02.01.00_01.11.00.01
SIMATIC Event Database	5.6	05.06.01.00_02.01.00.01

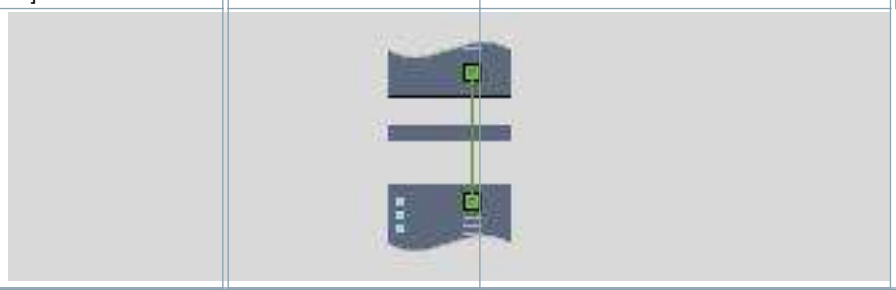
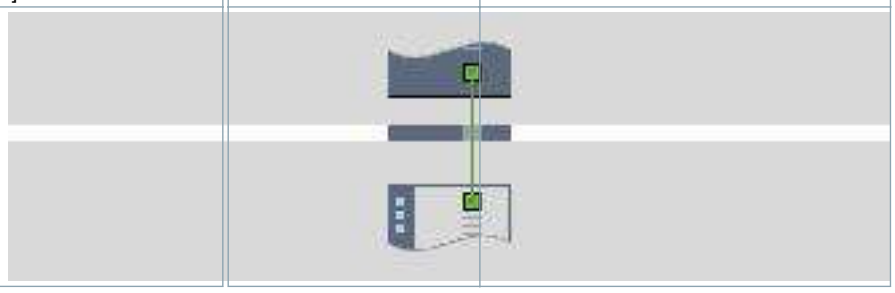
Name	Version	Release
SeCon	2.5	V02.05.01.01_01.01.00.02
WinCC Runtime Advanced Simulator	15.1.0.0	V15.01.00.00_28.01.00.01

Products		
Name	**Version**	**Release**
TIA Portal Multiuser Server	V15.1	V15.01.00.00_28.01.00.01
TIA Administrator	V1.0	V01.00.00.00_01.00.00.01
SIMATIC STEP 7 Professional - WinCC Advanced	V15.1	V15.01.00.00_28.01.00.01
User Management Component x64	V1.9 SP1	V01.20.00.00_01.01.00.01
SIMATIC WinCC Runtime Advanced Simulation	V15.1	V15.01.00.00_28.01.00.01
S7-PLCSIM Advanced	V2.0 SP1	V02.00.01.00_28.01.00.01
Automation License Manager	V6.0 + SP1	06.00.01.00_02.01.00.02
S7-PLCSIM	V5.4 + SP8	V05.04.08.01_01.24.00.01
SIMATIC ProSave	V15.1	V15.01.00.00_28.01.00.01

Lokaverkefni_02_11_19

PLC_1 [CPU 1515-2 PN]

PLC_1					
General\Project information					
Name	PLC_1	**Author**	vgest	**Comment**	
Rack	0	**Slot**	1		
General\Catalog information					
Short designation	CPU 1515-2 PN	**Description**	CPU with display; work memory 500 KB code and 3 MB data; 30 ns bit instruction time; 4-stage protection concept, technology functions: motion control, closed-loop control, counting & measuring; tracing; 1st interface: PROFINET IO controller, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports, I-device, MRP, MRPD, transport protocol TCP/IP, secure Open User Communication, S7 communication, Web server, DNS client, OPC UA server data access, constant bus cycle time, routing; 2nd interface: PROFINET IO controller, supports RT, I-device, transport protocol TCP/IP, secure Open User Communication, S7 communication, Web server, DNS client, OPC UA server data access; Runtime options, firmware V2.0	**Article number**	6ES7 515-2AM01-0AB0
Firmware version	V2.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2019-11-02 10:44:02.085
Additional information					
General\Checksums					
Text lists	FA 70 E8 75 1D 5A 8E 29	**Software**	Not available (compile necessary)		
PROFINET interface [X1]\General					
Name	PROFINET interface_1	**Author**	vgest	**Comment**	
PROFINET interface [X1]\Ethernet addresses\Interface networked with					
Subnet:	PN/IE_1				
PROFINET interface [X1]\Ethernet addresses\IP protocol					
IP configuration	Set IP address in the project	**IP address:**	192.168.0.1	**Subnet mask:**	255.255.255.0
Use router	False				
PROFINET interface [X1]\Ethernet addresses\PROFINET					
PROFINET device name is set directly at the device	False	**Generate PROFINET device name automatically**	True	**PROFINET device name:**	plc_1.profinet interface_1
Converted name:	plcxb1.profinetxainterfacexb1036c	**Device number:**	0		
PROFINET interface [X1]\Time synchronization\NTP mode					
Note	Time synchronization for all PROFINET interfaces take place within the settings for time synchronization of the PROFINET interface [X1].	**Enable time synchronization via NTP server**	False		IP addresses
Server 1	0.0.0.0	**Server 2**	0.0.0.0	**Server 3**	0.0.0.0
Server 4	0.0.0.0	**Update interval**	10s		
PROFINET interface [X1]\Operating mode					
IO controller	True	**IO system**		**Device number**	0
IO device	False				
PROFINET interface [X1]\Advanced options\Interface options					
Call the user program if communication errors occur	False	**Support device replacement without exchangeable medium**	True	**Permit overwriting of device names of all assigned IO devices**	False
Limit data infeed into the network	True	**Use IEC V2.2 LLDP mode**	False	**Keep-Alive connection monitoring:**	30s
PROFINET interface [X1]\Advanced options\Media redundancy					
MRP domain	mrpdomain-1	**Media redundancy role:**	Not device in the ring		
PROFINET interface [X1]\Advanced options\Real time settings\IO communication					
Send clock:	1.000ms				
PROFINET interface [X1]\Advanced options\Real time settings\Synchronization					
Sync domain:	Sync-Domain_1	**Synchronization role:**	Unsynchronized	**RT class:**	RT,IRT
PROFINET interface [X1]\Advanced options\Real time settings\Real time options					
Calculated bandwidth for cyclic IO data:	0.000ms	**Calculated bandwidth for cyclic IO data:**	0.000%		
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\General					
Name	Port_1	**Author**	vgest	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_1 [X1 P1 R]	**Medium:**	Copper	**Cable name:**	---
					

PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Alternative partners**	False	**Partner port:**	Any partner
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\General					
Name	Port_2	**Author**	vgest	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_2 [X1 P2 R]	**Medium:**	Copper	**Cable name:**	---
					
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port interconnection\Partner port:					
	Monitoring of partner port is executed	**Alternative partners**	False	**Partner port:**	HMI_1.IE_CP_1\PROFINET Interface_1 [X1]\Port_1 [X1 P1]
Medium:	Copper	**Cable length:**			
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Web server access					
Note	The Web server must also be activated in the properties of the PLC.	**Enable Web server using this interface**	False		
PROFINET interface [X2]\General					
Name	PROFINET interface_2	**Author**	vgest	**Comment**	
PROFINET interface [X2]\Ethernet addresses\Interface networked with					
Subnet:	Not connected				
PROFINET interface [X2]\Ethernet addresses\IP protocol					
IP configuration	Set IP address in the project	**IP address:**	192.168.1.1	**Subnet mask:**	255.255.255.0
Use router	False				
PROFINET interface [X2]\Ethernet addresses\PROFINET					
PROFINET device name is set directly at the device	False	**Generate PROFINET device name automatically**	True	**PROFINET device name:**	plc_1.profinet interface_2
Converted name:	plcxb1.profinetxainterfacexb2022c	**Device number:**	0		
PROFINET interface [X2]\Time synchronization\NTP mode					
Note	Time synchronization for all PROFINET interfaces take place within the settings for time synchronization of the PROFINET interface [X1].	**Enable time synchronization via NTP server**	False		IP addresses
Server 1	0.0.0.0	**Server 2**	0.0.0.0	**Server 3**	0.0.0.0
Server 4	0.0.0.0	**Update interval**	10s		
PROFINET interface [X2]\Operating mode					
IO controller	True	**IO system**		**Device number**	0
IO device	False				
PROFINET interface [X2]\Advanced options\Interface options					
Call the user program if communication errors occur	False	**Support device replacement without exchangeable medium**	True	**Permit overwriting of device names of all assigned IO devices**	False
Limit data infeed into the network	False	**Use IEC V2.2 LLDP mode**	False	**Keep-Alive connection monitoring:**	30s
PROFINET interface [X2]\Advanced options\Real time settings\IO communication					
Send clock:	1.000ms				
PROFINET interface [X2]\Advanced options\Real time settings\Real time options					
Calculated bandwidth for cyclic IO data:	0.000ms	**Calculated bandwidth for cyclic IO data:**	0.000%		
PROFINET interface [X2]\Advanced options\Port [X2 P1]\General					
Name	Port_1	**Author**	vgest	**Comment**	
PROFINET interface [X2]\Advanced options\Port [X2 P1]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_2 [X2]\Port_1 [X2 P1]	**Medium:**	Copper	**Cable name:**	---
					

PROFINET interface [X2]\Advanced options\Port [X2 P1]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Alternative partners**	False	**Partner port:**	Any partner
PROFINET interface [X2]\Advanced options\Port [X2 P1]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X2]\Advanced options\Port [X2 P1]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X2]\Advanced options\Port [X2 P1]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X2]\Web server access					
Note	The Web server must also be activated in the properties of the PLC.	**Enable Web server using this interface**	False		
Startup					
Startup after POWER ON	Warm restart - Operating mode before POWER OFF	**Comparison preset to actual configuration**	Startup CPU even if mismatch	**Configuration time**	60000ms
Cycle					
Maximum cycle time	150ms			**Enable minimum cycle time for cyclic OBs**	True
Minimum cycle time	1ms				
Communication load					
Cycle load due to communication	50%				
System and clock memory\System memory bits					
Enable the use of system memory byte	False	**Address of system memory byte (MBx)**	1	**First cycle**	
Diagnostic status changed		**Always 1 (high)**		**Always 0 (low)**	
System and clock memory\Clock memory bits					
Enable the use of clock memory byte	False	**Address of clock memory byte (MBx)**	0	**10 Hz clock**	
5 Hz clock		**2.5 Hz clock**		**2 Hz clock**	
1.25 Hz clock		**1 Hz clock**		**0.625 Hz clock**	
0.5 Hz clock					
SIMATIC Memory Card\Diagnostics					
Aging of the SIMATIC memory card	False	**Threshold value**	80%		
System diagnostics\General					
Activate system diagnostics for this device	True				
PLC alarms\General					
Central alarm management in the PLC	True				
Web server\General					
Activate web server on this module	False	**Permit access only with HTTPS**	False		
Web server\Automatic update					
Enable automatic update	True	**Update interval**	0s		

Web server\User management

User name	User rights
Everybody	

Web server\User-defined web pages

Application name	HTML source path	Default HTML page	Files with dynamic content	Web DB number	Fragment DB number
		index.htm	.htm;.html	333	334

Web server\Overview of interfaces

Device	Interface	Enabled web server access
PLC_1	PROFINET interface_1	False
PLC_1	PROFINET interface_2	False

DNS configuration					
No DNS server address is configured.					
Display\General\Display standby mode					
Time to standby mode	30 minutes				
Display\General\Energy saving mode					
Time to energy saving mode	15 minutes				
Display\General\Display language					
Default language on display	English				
Display\Automatic update					
Time to update	5 seconds				
Display\Password\Display protection					
Enable write access	True	**Enable display protection**	False		
Display\User-defined logo					
User logo activated	False	**Adapt logo**	False	**Resolution**	240x260
Company logo	---				

User interface languages	
Assign project language	**User interface languages**
English (United States)	German
English (United States)	English
English (United States)	French
English (United States)	Spanish
English (United States)	Italian
English (United States)	Japanese
English (United States)	Chinese (simplified)
English (United States)	Korean
English (United States)	Russian
English (United States)	Turkish
English (United States)	Portuguese (Brazil)

Time of day\Local time					
Time zone	(UTC) Dublin, Edinburgh, Lisbon, London				
Time of day\Daylight saving time					
Activate daylight saving time	True	**Difference between standard and daylight saving time**	60mins		
Time of day\Daylight saving time\Start of daylight saving time					
Selection of the week	Last	**Selection of the weekday**	Sunday	**of**	March
at	01:00 a.m.				
Time of day\Daylight saving time\Start of standard time					
Selection of the week	Last	**Selection of the weekday**	Sunday	**of**	October
at	02:00 a.m.				
Protection					
Level of protection	Full access (no protection)				
Protection\Connection mechanisms					
Permit access with PUT/GET communication from remote partner	True				
Protection\Security event					
Summarize security events in case of high message volume	True	**Length of an interval**	20	**Unit**	seconds
OPC UA\Server					
Activate OPC UA server	False				
System power supply\General					
General	Connection to supply voltage L+				

System power supply\\Power segment overview		
Module	**Slot**	**Supply/consumption**
PLC_1	1	12.00W
DI 16x24VDC BA_1	2	-1.05W
DI 16x24VDC BA_2	3	-1.05W
DQ 16x24VDC/0.5A BA_1	4	-1.15W
AI 8xU/R/RTD/TC HF_1	5	-0.85W
AI 8xU/I/RTD/TC ST_1	6	-0.70W
	Summary	7.20W

Configuration control\Configuration control for central configuration					
Allow reconfiguration of device via the user program	False				

Connection resources\				
	Station resources - Reserved - Maximum	**Station resources - Reserved - Configured**	**Station resources - Dynamic - Configured**	**Module resources - PLC_1 [CPU 1515-2 PN] - Configured**
Maximum number of resources:		10	98	108
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	4	1	0	1
S7 communication:	0	-	0	0
Open user communication:	0	-	0	0
Web communication:	2	-	-	-
Other communication:	-	-	0	0
Total resources used:		1	0	1
Available resources:		9	98	107

Overview of addresses\Overview of addresses\Overview of addresses					
Inputs	True	**Outputs**	True	**Address gaps**	False
Slot	True				

Type	Addr. from	Addr. to	Module	PIP	OB	Device name	Device number	Size	Master / IO system	Rack	Slot
I	0	1	DI 16x24VDC BA_1	Automatic update	-	PLC_1 [CPU 1515-2 PN]	-	2 Bytes	-	0	2
I	2	3	DI 16x24VDC BA_2	Automatic update	-	PLC_1 [CPU 1515-2 PN]	-	2 Bytes	-	0	3
O	0	1	DQ 16x24VDC/0.5A BA_1	Automatic update	-	PLC_1 [CPU 1515-2 PN]	-	2 Bytes	-	0	4
I	20	37	AI 8xU/R/RTD/TC HF_1	Automatic update	-	PLC_1 [CPU 1515-2 PN]	-	18 Bytes	-	0	5
I	4	19	AI 8xU/I/RTD/TC ST_1	Automatic update	-	PLC_1 [CPU 1515-2 PN]	-	16 Bytes	-	0	6

Runtime licenses\OPC UA\Runtime licenses			
Type of required license	None	**Type of purchased license**	No license
Runtime licenses\ProDiag\Supervisions			
Number of used supervisions	0		
Runtime licenses\ProDiag\Runtime licenses			
Number of required licenses	None (<= 25 supervisions)	**Used ProDiag licenses**	No license
Runtime licenses\Energy Suite\Energy objects			
Number of configured energy objects	0		
Runtime licenses\Energy Suite\Runtime licenses			
Total number of licensed energy objects	0		
Runtime licenses\Energy Suite\Runtime licenses\Number of purchased licenses			
License type '5 energy objects'	No license	**License type '10 energy objects'**	No license

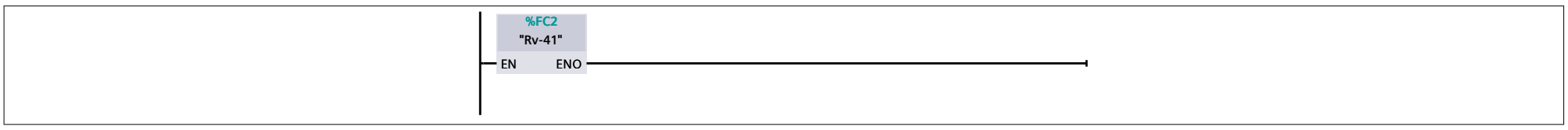
Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

Main [OB1]

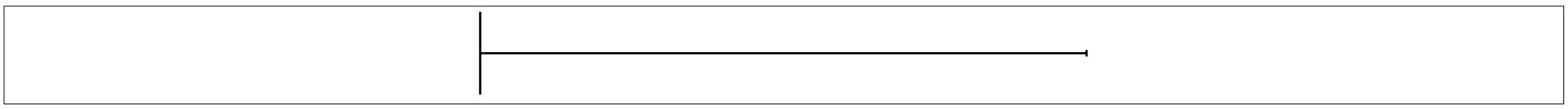
Main Properties							
General							
Name	Main	**Number**	1	**Type**	OB	**Language**	LAD
Numbering	Automatic						
Information							
Title	"Main Program Sweep (Cycle)"	**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Offset	Default value	Comment
▼ Temp				
EV_CLASS	Byte	0.0		Bits 0-3 = 1:Coming event, Bits 4-7 = 1:Event class 1
SCAN_1	Byte	1.0		1:Initial call of the OB, 3: Call 2-n of the OB
PRIORITY	Byte	2.0		Priority of OB Execution
OB_NUMBR	Byte	3.0		OB number
RESERVED_1	Byte	4.0		Reserved for system
RESERVED_2	Byte	5.0		Reserved for system
PREV_CYCLE	Int	6.0		Previous program cycle time (milliseconds)
MIN_CYCLE	Int	8.0		Minimum program cycle time (milliseconds)
MAX_CYCLE	Int	10.0		Maximum program cycle time (milliseconds)
DATE_TIME	Date_And_Time	12.0		Date and time OB started
Constant				

Network 1: Dæluhús 41



Network 2:



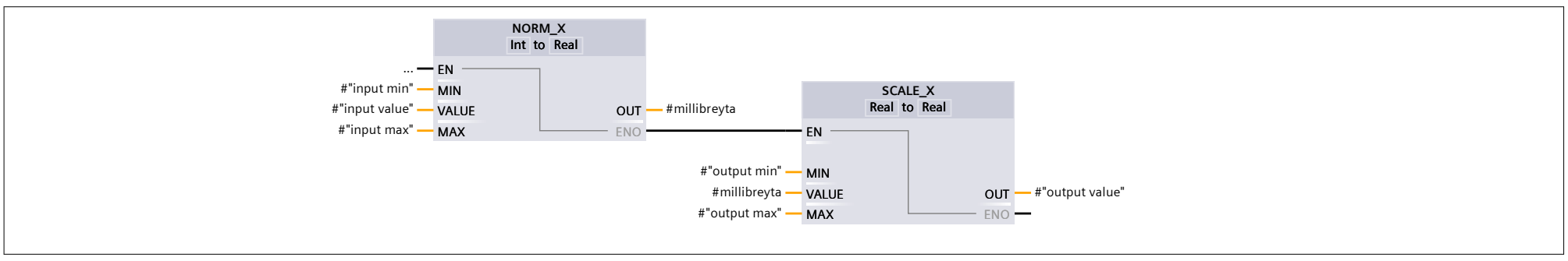
Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

Skölun1 [FB2]

Skölun1 Properties							
General							
Name	Skölun1	**Number**	2	**Type**	FB	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/ OPC UA	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
▼ Input									
input min	Int	0	Non-retain	True	True	True	False		
input max	Int	0	Non-retain	True	True	True	False		
output min	Real	0.0	Non-retain	True	True	True	False		
output max	Real	0.0	Non-retain	True	True	True	False		
input value	Word	16#0	Non-retain	True	True	True	False		
▼ Output									
output value	Real	0.0	Non-retain	True	True	True	False		
InOut									
Static									
▼ Temp									
millibreyta	Real								
Constant									

Network 1:



Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

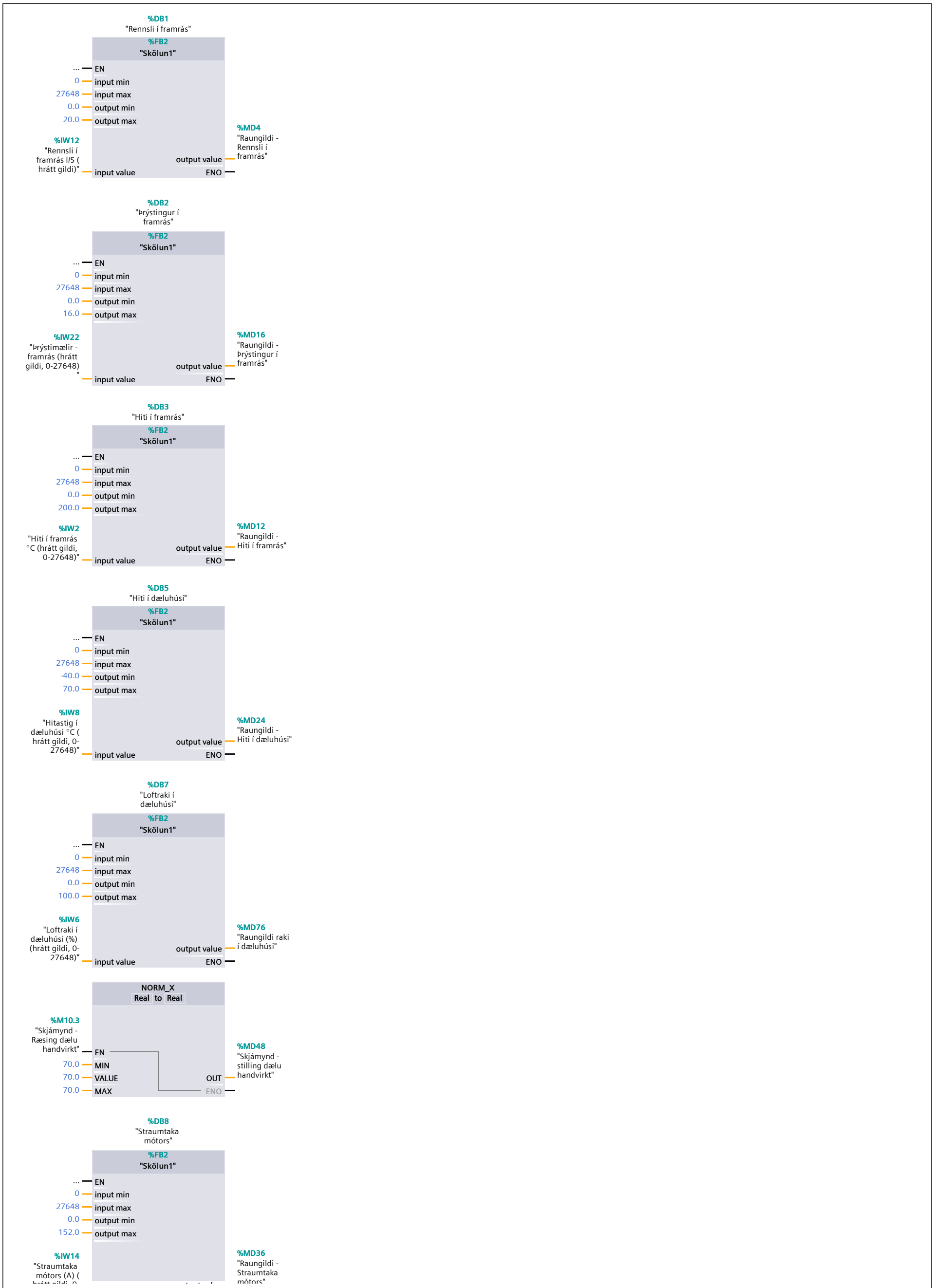
Rv-41 [FC2]

Rv-41 Properties							
General							
Name	Rv-41	**Number**	2	**Type**	FC	**Language**	FBD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Rv-41	Void		

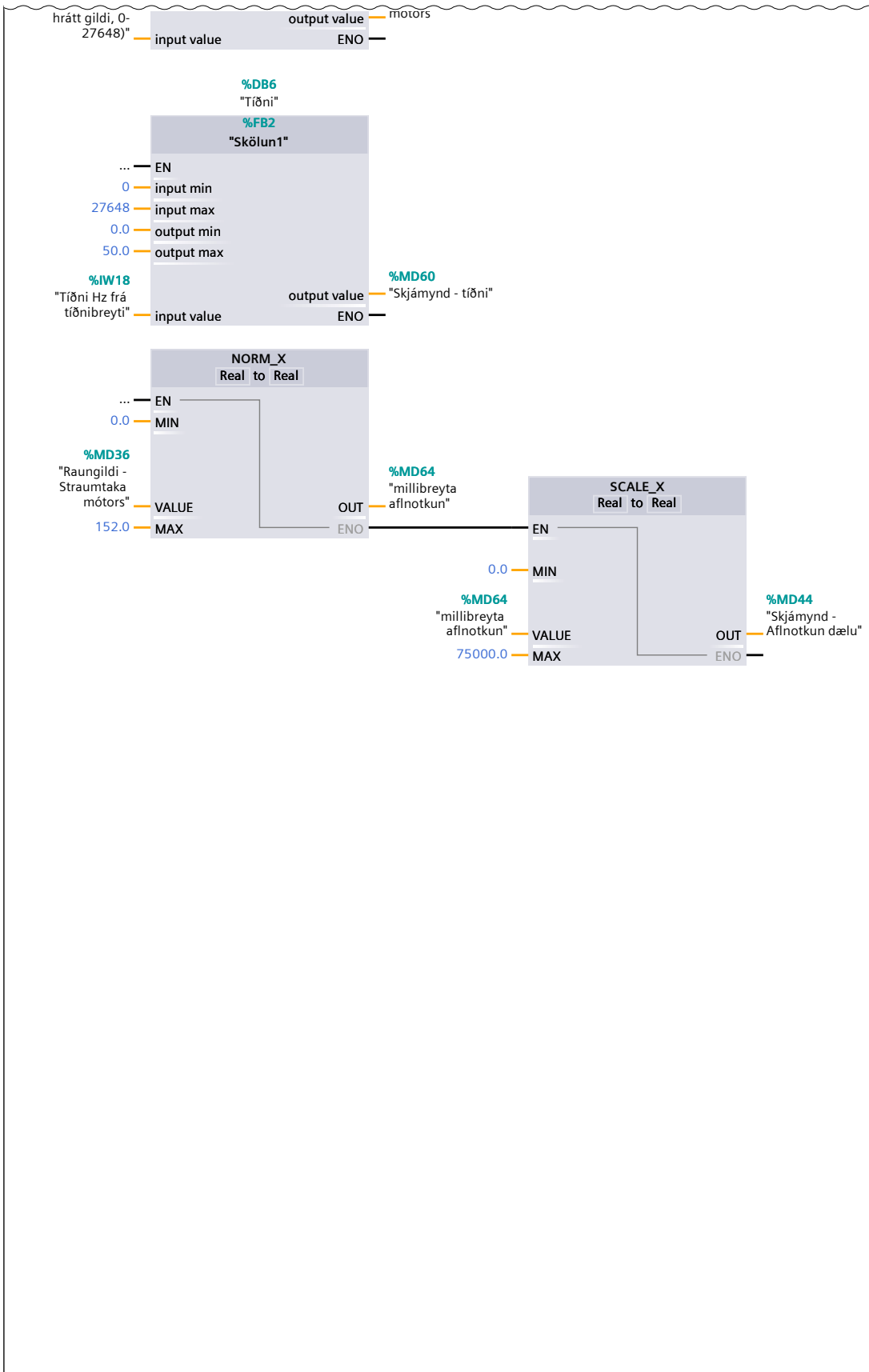
Network 1: Skölun á mældum gildum yfir í raungildi

Network 1: Skölun á mældum gildum yfir í raungildi (1.1 / 2.1)

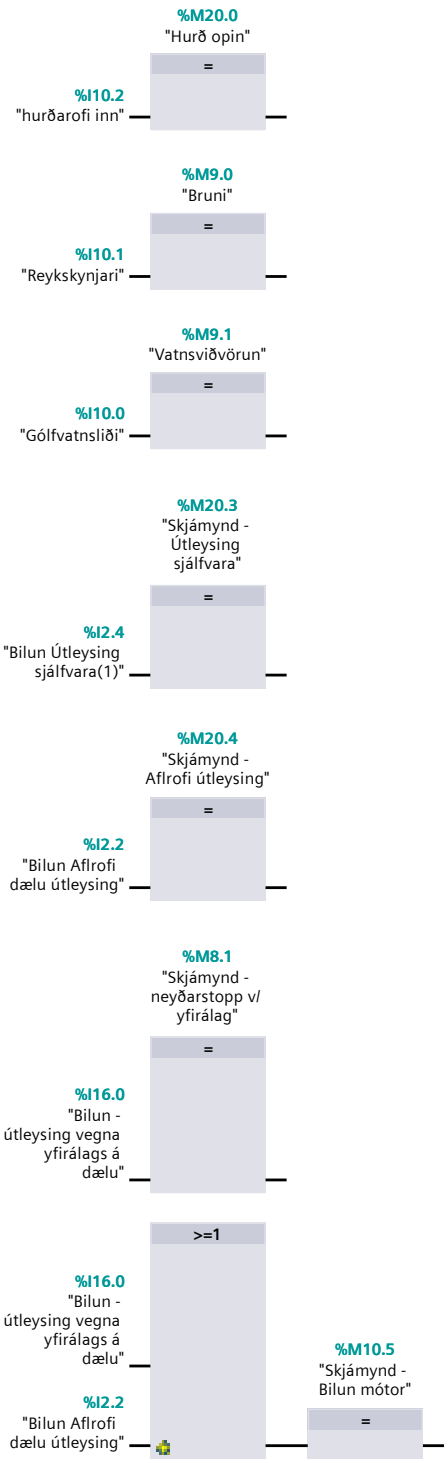


Network 1: Skölun á mældum gildum yfir í raungildi (2.1 / 2.1)

1.1 (Page5 - 2)



Network 2: Inngangsmerki fyrir viðvaranir



Network 3: Ræsing dælu sjálfvirkt og handvirkt

Network 4: Ræsing vifta

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

Rennsli í framrás [DB1]

Rennsli í framrás Properties							
General							
Name	Rennsli í framrás	**Number**	1	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/ OPC UA	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
▼ Input									
input min	Int	0	False	True	True	True	False		
input max	Int	0	False	True	True	True	False		
output min	Real	0.0	False	True	True	True	False		
output max	Real	0.0	False	True	True	True	False		
input value	Word	16#0	False	True	True	True	False		
▼ Output									
output value	Real	0.0	False	True	True	True	False		
InOut									
Static									

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

Þrýstingur í framrás [DB2]

Þrýstingur í framrás Properties							
General							
Name	Þrýstingur í framrás	**Number**	2	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/ OPC UA	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
▼ Input									
input min	Int	0	False	True	True	True	False		
input max	Int	0	False	True	True	True	False		
output min	Real	0.0	False	True	True	True	False		
output max	Real	0.0	False	True	True	True	False		
input value	Word	16#0	False	True	True	True	False		
▼ Output									
output value	Real	0.0	False	True	True	True	False		
InOut									
Static									

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

Hiti í framrás [DB3]

Hiti í framrás Properties							
General							
Name	Hiti í framrás	**Number**	3	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Input									
input min	Int	0	False	True	True	True	False		
input max	Int	0	False	True	True	True	False		
output min	Real	0.0	False	True	True	True	False		
output max	Real	0.0	False	True	True	True	False		
input value	Word	16#0	False	True	True	True	False		
▼ Output									
output value	Real	0.0	False	True	True	True	False		
InOut									
Static									

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

Hiti í dæluhúsi [DB5]

Hiti í dæluhúsi Properties							
General							
Name	Hiti í dæluhúsi	**Number**	5	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Input									
input min	Int	0	False	True	True	True	False		
input max	Int	0	False	True	True	True	False		
output min	Real	0.0	False	True	True	True	False		
output max	Real	0.0	False	True	True	True	False		
input value	Word	16#0	False	True	True	True	False		
▼ Output									
output value	Real	0.0	False	True	True	True	False		
InOut									
Static									

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

Loftraki í dæluhúsi [DB7]

Loftraki í dæluhúsi Properties							
General							
Name	Loftraki í dæluhúsi	**Number**	7	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Input									
input min	Int	0	False	True	True	True	False		
input max	Int	0	False	True	True	True	False		
output min	Real	0.0	False	True	True	True	False		
output max	Real	0.0	False	True	True	True	False		
input value	Word	16#0	False	True	True	True	False		
▼ Output									
output value	Real	0.0	False	True	True	True	False		
InOut									
Static									

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

Straumtaka mótors [DB8]

Straumtaka mótors Properties							
General							
Name	Straumtaka mótors	**Number**	8	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Input									
input min	Int	0	False	True	True	True	False		
input max	Int	0	False	True	True	True	False		
output min	Real	0.0	False	True	True	True	False		
output max	Real	0.0	False	True	True	True	False		
input value	Word	16#0	False	True	True	True	False		
▼ Output									
output value	Real	0.0	False	True	True	True	False		
InOut									
Static									

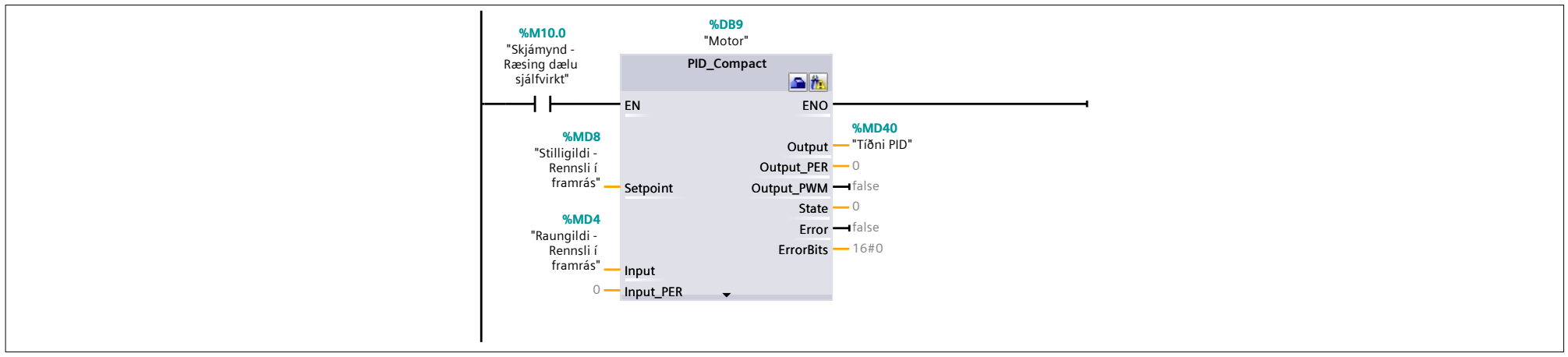
Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

PID reglun [OB30]

PID reglun Properties							
General							
Name	PID reglun	**Number**	30	**Type**	OB	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Initial_Call	Bool		Initial call of this OB
Event_Count	Int		Events discarded
Temp			
Constant			

Network 1:



Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

Vifta dæluhúsi [DB4]

Vifta dæluhúsi Properties							
General							
Name	Vifta dæluhúsi	**Number**	4	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Input									
input min	Int	0	False	True	True	True	False		
input max	Int	0	False	True	True	True	False		
output min	Real	0.0	False	True	True	True	False		
output max	Real	0.0	False	True	True	True	False		
input value	Word	16#0	False	True	True	True	False		
▼ Output									
output value	Real	0.0	False	True	True	True	False		
InOut									
Static									

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

Tíðni [DB6]

Tíðni Properties							
General							
Name	Tíðni	**Number**	6	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Input									
input min	Int	0	False	True	True	True	False		
input max	Int	0	False	True	True	True	False		
output min	Real	0.0	False	True	True	True	False		
output max	Real	0.0	False	True	True	True	False		
input value	Word	16#0	False	True	True	True	False		
▼ Output									
output value	Real	0.0	False	True	True	True	False		
InOut									
Static									

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks

Group_1

This folder is empty.

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Program blocks / System blocks / Program resources

PID_Compact [FB1130]

PID_Compact Properties							
General							
Name	PID_Compact	**Number**	1130	**Type**	FB	**Language**	SCL
Numbering	Automatic						
Information							
Title	Compact PID_Controller with self-tuning	**Author**	SIMATIC	**Comment**		**Family**	COMPPID
Version	2.3	**User-defined ID**	PID_Cmpt				

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Input									
Setpoint	Real	0.0	Non-retain	True	True	True	False		controller setpoint input
Input	Real	0.0	Non-retain	True	True	True	False		current value from process in REAL format
Input_PER	Int	0	Non-retain	True	True	True	False		current value from peripheral input
Disturbance	Real	0.0	Non-retain	True	True	True	False		disturbance intrusion
ManualEnable	Bool	false	Non-retain	True	True	True	False		activate manual value to overwrite output value
ManualValue	Real	0.0	Non-retain	True	True	True	False		manual value
ErrorAck	Bool	false	Non-retain	True	True	True	False		reset error message
Reset	Bool	false	Non-retain	True	True	True	False		reset the controller
ModeActivate	Bool	false	Non-retain	True	True	True	False		enable mode
▼ Output									
ScaledInput	Real	0.0	Non-retain	True	False	True	False		current value after scaling
Output	Real	0.0	Non-retain	True	False	True	False		output value in REAL format
Output_PER	Int	0	Non-retain	True	False	True	False		analog output value
Output_PWM	Bool	false	Non-retain	True	False	True	False		pulse width modulated output value
SetpointLimit_H	Bool	false	Non-retain	True	False	True	False		setpoint reached upper limit
SetpointLimit_L	Bool	false	Non-retain	True	False	True	False		setpoint reached lower limit
InputWarning_H	Bool	false	Non-retain	True	False	True	False		current value reached upper warning level
InputWarning_L	Bool	false	Non-retain	True	False	True	False		current value reached lower warning level
State	Int	0	Non-retain	True	False	True	False		current mode of operation (0-Inactive, 1-SUT, 2-TIR, 3-Automatic, 4-Manual, 5-Substitute output)
Error	Bool	false	Non-retain	True	False	True	False		error flag
ErrorBits	DWord	16#0	Retain	True	False	True	False		error message
▼ InOut									
Mode	Int	4	Retain	True	True	True	False		mode selection
▼ Static									
InternalDiagnostic	DWord	0	Non-retain	False	False	False	False		internal diagnostic and version handling
InternalVersion	DWord	DW#16#02030003	Non-retain	True	False	True	False		version of controller
InternalRTVersion	DWord	0	Non-retain	False	False	False	False		version of runtime
IntegralResetMode	Int	4	Non-retain	True	True	True	True		0 smooth, 1 clear, 2 keep, 3 overwrite initial output, 4 like setpoint change
OverwriteInitialOutputValue	Real	0.0	Non-retain	True	True	True	False		initialisation of output value for override control
RunModeByStartup	Bool	true	Non-retain	True	True	True	True		activate Mode after CPU restart
LoadBackUp	Bool	false	Non-retain	True	True	True	False		restore last parameter set
SetSubstituteOutput	Bool	true	Non-retain	True	True	True	True		assignment of output value in State = 5 (FALSE - last valid value, TRUE - SubstituteOutput)
PhysicalUnit	Int	0	Non-retain	True	False	True	True		unit of measurement of the process value and setpoint
PhysicalQuantity	Int	0	Non-retain	True	False	True	True		physical quantity of the process value and setpoint
ActivateRecoverMode	Bool	true	Non-retain	True	True	True	True		FALSE - go to inactive by error, TRUE - activate error treatment
Warning	DWord	16#0	Retain	True	False	True	False		warning message
WarningInternal	DWord	16#0	Retain	True	False	True	False		warning message
Progress	Real	0.0	Non-retain	True	False	True	False		progress of current phase in percent
CurrentSetpoint	Real	0.0	Non-retain	True	False	True	False		current active setpoint value
CancelTuningLevel	Real	10.0	Non-retain	True	True	True	True		cancel level for setpoint change during tuning
SubstituteOutput	Real	0.0	Non-retain	True	True	True	True		substitute output value in case of error

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
Config	PID_Compact-Config		Non-retain	True	True	True	True		configuration data set
InputPerOn	Bool	true	Non-retain	True	True	True	True		activate peripheral input
InvertControl	Bool	false	Non-retain	True	True	True	True		invert control direction
InputUpperLimit	Real	120.0	Non-retain	True	True	True	True		input (process value) upper limit
InputLowerLimit	Real	0.0	Non-retain	True	True	True	True		input (process value) lower limit
InputUpperWarning	Real	3.402822e+38	Non-retain	True	True	True	True		input (process value) upper level warning
InputLowerWarning	Real	-3.402822e+38	Non-retain	True	True	True	True		input (process value) lower level warning
OutputUpperLimit	Real	100.0	Non-retain	True	True	True	True		output value upper limit
OutputLowerLimit	Real	0.0	Non-retain	True	True	True	True		output value lower limit
SetpointUpperLimit	Real	3.402822e+38	Non-retain	True	True	True	True		setpoint upper limit value
SetpointLowerLimit	Real	-3.402822e+38	Non-retain	True	True	True	True		setpoint lower limit value
MinimumOnTime	Real	0.0	Non-retain	True	True	True	True		PWM minimum on time
MinimumOffTime	Real	0.0	Non-retain	True	True	True	True		PWM minimum off time
InputScaling	PID_Scaling		Non-retain	True	True	True	True		input scaling
UpperPointIn	Real	27648.0	Non-retain	True	True	True	True		high value (input range of scaling)
LowerPointIn	Real	0.0	Non-retain	True	True	True	True		low value (input range of scaling)
UpperPointOut	Real	100.0	Non-retain	True	True	True	True		high value (output range of scaling)
LowerPointOut	Real	0.0	Non-retain	True	True	True	True		low value (output range of scaling)
CycleTime	PID_CycleTime		Non-retain	True	True	True	True		data set for cycle time estimation
StartEstimation	Bool	true	Non-retain	True	True	True	False		start automatic estimation of call cycle time
EnEstimation	Bool	true	Non-retain	True	True	True	True		enable estimation of call cycle time
EnMonitoring	Bool	true	Non-retain	True	True	True	True		enable monitoring of call cycle time
Value	Real	0.1	Non-retain	True	True	True	True		call cycle time
CtrlParamsBackUp	PID_Compact-ControlParams		Non-retain	True	True	True	True		saved parameter set
Gain	Real	1.0	Non-retain	True	True	True	True		proportional gain
Ti	Real	20.0	Non-retain	True	True	True	True		reset time
Td	Real	0.0	Non-retain	True	True	True	True		derivative time
TdFiltRatio	Real	0.2	Non-retain	True	True	True	True		filter coefficient for derivative part
PWeighting	Real	1.0	Non-retain	True	True	True	True		weigthing of proportional part in direct, feedback path
DWeighting	Real	1.0	Non-retain	True	True	True	True		weigthing of derivative part in direct, feedback path
Cycle	Real	1.0	Non-retain	True	True	True	True		PID Controller cycle time
PIDSelfTune	PID_Compact-SelfTune		Non-retain	True	True	True	True		data set for self tuning
SUT	PID_Compact_SUT		Non-retain	True	True	True	True		data set for start up tuning
CalculateParams	Bool	false	Non-retain	True	True	True	False		recalculate control parameters with parameters of startup tuning
TuneRule	Int	0	Non-retain	True	True	True	True		tuning rule for SUT (0-CHR PID,1-CHR PI)
State	Int	0	Non-retain	True	False	True	False		current phase of start up tuning
TIR	PID_Compact_TIR		Non-retain	True	True	True	True		data set for tuning in run
RunIn	Bool	false	Non-retain	True	True	True	False		activate run in setpoint without controling
CalculateParams	Bool	false	Non-retain	True	True	True	False		recalculate control parameters with parameters of tuning in run
TuneRule	Int	0	Non-retain	True	True	True	True		tuning rule for TIR (0-2-A PID auto,fast,slow;3-ZN PID;4-ZN PI;5-ZN P)
State	Int	0	Non-retain	True	False	True	False		current phase of tuning in run
PIDCtrl	PID_Compact-Control		Non-retain	True	True	True	True		data for controling part
PIDInit	Bool	false	Non-retain	True	True	True	False		initialization of controller
IntegralSum	Real	0.0	Non-retain	True	True	True	False		signal of integral part
Retain	PID_CompactRetain		Retain	True	True	True	True		retain data
CtrlParams	PID_Compact-ControlParams		Retain	True	True	True	True		actual parameter set
Gain	Real	1.0	Retain	True	True	True	True		proportional gain
Ti	Real	20.0	Retain	True	True	True	True		reset time
Td	Real	0.0	Retain	True	True	True	True		derivative time

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
TdFiltRatio	Real	0.2	Retain	True	True	True	True		filter coefficient for derivative part
PWeighting	Real	1.0	Retain	True	True	True	True		weigthing of proportional part in direct, feedback path
DWeighting	Real	1.0	Retain	True	True	True	True		weigthing of derivative part in direct, feedback path
Cycle	Real	1.0	Retain	True	True	True	True		PID Controller cycle time

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Technology objects

Motor [DB9]

Motor Properties							
General							
Name	Motor	**Number**	9	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	SIMATIC	**Comment**		**Family**	COMPPID
Version	2.3	**User-defined ID**	PID_Cmpt				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Input									
Setpoint	Real	0.0	False	True	True	True	False		controller setpoint input
Input	Real	0.0	False	True	True	True	False		current value from process in REAL format
Input_PER	Int	0	False	True	True	True	False		current value from peripheral input
Disturbance	Real	0.0	False	True	True	True	False		disturbance intrusion
ManualEnable	Bool	false	False	True	True	True	False		activate manual value to overwrite output value
ManualValue	Real	0.0	False	True	True	True	False		manual value
ErrorAck	Bool	false	False	True	True	True	False		reset error message
Reset	Bool	false	False	True	True	True	False		reset the controller
ModeActivate	Bool	false	False	True	True	True	False		enable mode
▼ Output									
ScaledInput	Real	0.0	False	True	False	True	False		current value after scaling
Output	Real	0.0	False	True	False	True	False		output value in REAL format
Output_PER	Int	0	False	True	False	True	False		analog output value
Output_PWM	Bool	false	False	True	False	True	False		pulse width modulated output value
SetpointLimit_H	Bool	false	False	True	False	True	False		setpoint reached upper limit
SetpointLimit_L	Bool	false	False	True	False	True	False		setpoint reached lower limit
InputWarning_H	Bool	false	False	True	False	True	False		current value reached upper warning level
InputWarning_L	Bool	false	False	True	False	True	False		current value reached lower warning level
State	Int	0	False	True	False	True	False		current mode of operation (0-Inactive, 1-SUT, 2-TIR, 3-Automatic, 4-Manual, 5-Substitute output)
Error	Bool	false	False	True	False	True	False		error flag
ErrorBits	DWord	16#0	True	True	False	True	False		error message
▼ InOut									
Mode	Int	4	True	True	True	True	False		mode selection
▼ Static									
InternalDiagnostic	DWord	0	False	False	False	False	False		internal diagnostic and version handling
InternalVersion	DWord	DW#16#02030003	False	True	False	True	False		version of controller
InternalRTVersion	DWord	0	False	False	False	False	False		version of runtime
IntegralResetMode	Int	4	False	True	True	True	True		0 smooth, 1 clear, 2 keep, 3 overwrite initial output, 4 like setpoint change
OverwriteInitialOutputValue	Real	0.0	False	True	True	True	False		initialisation of output value for override control
RunModeByStartup	Bool	true	False	True	True	True	True		activate Mode after CPU restart
LoadBackUp	Bool	false	False	True	True	True	False		restore last parameter set
SetSubstituteOutput	Bool	true	False	True	True	True	True		assignment of output value in State = 5 (FALSE - last valid value, TRUE - SubstituteOutput)
PhysicalUnit	Int	0	False	True	False	True	True		unit of measurement of the process value and setpoint
PhysicalQuantity	Int	4	False	True	False	True	True		physical quantity of the process value and setpoint
ActivateRecoverMode	Bool	true	False	True	True	True	True		FALSE - go to inactive by error, TRUE - activate error treatment
Warning	DWord	16#0	True	True	False	True	False		warning message
WarningInternal	DWord	16#0	True	True	False	True	False		warning message
Progress	Real	0.0	False	True	False	True	False		progress of current phase in percent
CurrentSetpoint	Real	0.0	False	True	False	True	False		current active setpoint value
CancelTuningLevel	Real	10.0	False	True	True	True	True		cancel level for setpoint change during tuning
SubstituteOutput	Real	0.0	False	True	True	True	True		substitute output value in case of error
▼ Config	PID_Compact-Config		False	True	True	True	True		configuration data set
InputPerOn	Bool	FALSE	False	True	True	True	True		activate peripheral input
InvertControl	Bool	false	False	True	True	True	True		invert control direction
InputUpperLimit	Real	20.0	False	True	True	True	True		input (process value) upper limit
InputLowerLimit	Real	0.0	False	True	True	True	True		input (process value) lower limit
InputUpperWarning	Real	3.402822e+38	False	True	True	True	True		input (process value) upper level warning

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
InputLowerWarning	Real	-3.402822e+38	False	True	True	True	True		input (process value) lower level warning
OutputUpperLimit	Real	100.0	False	True	True	True	True		output value upper limit
OutputLowerLimit	Real	0.0	False	True	True	True	True		output value lower limit
SetpointUpperLimit	Real	3.402822e+38	False	True	True	True	True		setpoint upper limit value
SetpointLowerLimit	Real	-3.402822e+38	False	True	True	True	True		setpoint lower limit value
MinimumOnTime	Real	0.0	False	True	True	True	True		PWM minimum on time
MinimumOffTime	Real	0.0	False	True	True	True	True		PWM minimum off time
▼ InputScaling	PID_Scaling		False	True	True	True	True		input scaling
UpperPointIn	Real	27648.0	False	True	True	True	True		high value (input range of scaling)
LowerPointIn	Real	0.0	False	True	True	True	True		low value (input range of scaling)
UpperPointOut	Real	100.0	False	True	True	True	True		high value (output range of scaling)
LowerPointOut	Real	0.0	False	True	True	True	True		low value (output range of scaling)
▼ CycleTime	PID_CycleTime		False	True	True	True	True		data set for cycle time estimation
StartEstimation	Bool	true	False	True	True	True	False		start automatic estimation of call cycle time
EnEstimation	Bool	true	False	True	True	True	True		enable estimation of call cycle time
EnMonitoring	Bool	true	False	True	True	True	True		enable monitoring of call cycle time
Value	Real	0.1	False	True	True	True	True		call cycle time
▼ CtrlParamsBackUp	PID_Compact-ControlParams		False	True	True	True	True		saved parameter set
Gain	Real	1.0	False	True	True	True	True		proportional gain
Ti	Real	20.0	False	True	True	True	True		reset time
Td	Real	0.0	False	True	True	True	True		derivative time
TdFiltRatio	Real	0.2	False	True	True	True	True		filter coefficient for derivative part
PWeighting	Real	1.0	False	True	True	True	True		weigthing of proportional part in direct, feedback path
DWeighting	Real	1.0	False	True	True	True	True		weigthing of derivative part in direct, feedback path
Cycle	Real	1.0	False	True	True	True	True		PID Controller cycle time
▼ PIDSelfTune	PID_Compact-SelfTune		False	True	True	True	True		data set for self tuning
▼ SUT	PID_Compact_SUT		False	True	True	True	True		data set for start up tuning
CalculateParams	Bool	false	False	True	True	True	False		recalculate control parameters with parameters of startup tuning
TuneRule	Int	0	False	True	True	True	True		tuning rule for SUT (0-CHR PID,1-CHR PI)
State	Int	0	False	True	False	True	False		current phase of start up tuning
▼ TIR	PID_Compact_TIR		False	True	True	True	True		data set for tuning in run
RunIn	Bool	false	False	True	True	True	False		activate run in setpoint without controling
CalculateParams	Bool	false	False	True	True	True	False		recalculate control parameters with parameters of tuning in run
TuneRule	Int	0	False	True	True	True	True		tuning rule for TIR (0-2-A PID auto,fast,slow;3-ZN PID;4-ZN PI;5-ZN P)
State	Int	0	False	True	False	True	False		current phase of tuning in run
▼ PIDCtrl	PID_Compact-Control		False	True	True	True	True		data for controling part
PIDInit	Bool	false	False	True	True	True	False		initialization of controller
IntegralSum	Real	0.0	False	True	True	True	False		signal of integral part
▼ Retain	PID_CompactRetain		True	True	True	True	True		retain data
▼ CtrlParams	PID_Compact-ControlParams		True	True	True	True	True		actual parameter set
Gain	Real	1.0	True	True	True	True	True		proportional gain
Ti	Real	20.0	True	True	True	True	True		reset time
Td	Real	0.0	True	True	True	True	True		derivative time
TdFiltRatio	Real	0.2	True	True	True	True	True		filter coefficient for derivative part
PWeighting	Real	1.0	True	True	True	True	True		weigthing of proportional part in direct, feedback path
DWeighting	Real	1.0	True	True	True	True	True		weigthing of derivative part in direct, feedback path
Cycle	Real	1.0	True	True	True	True	True		PID Controller cycle time

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Útgangar [57]

PLC tags

PLC tags

	Name	Data type	Address	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Supervision	Comment
	Smurvatnsliði	Bool	%Q1.0	False	True	True	True		
	Startmerki í tíðnibreyti fyrir Mótor	Bool	%Q0.0	False	True	True	True		
	Vifta	Bool	%Q0.1	False	True	True	True		
	Mótor	Bool	%Q0.2	False	True	True	True		

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Útgangar [57]

User constants

User constants				
	Name	Data type	Value	Comment

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Bilunarmerki [3]

PLC tags

PLC tags

	Name	Data type	Address	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Supervision	Comment
	Hurð opin	Bool	%M20.0	False	True	True	True		
	Bruni	Bool	%M9.0	False	True	True	True		
	Vatnsviðvörun	Bool	%M9.1	False	True	True	True		

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Bilunarmerki [3]

User constants

User constants				
	Name	Data type	Value	Comment

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Hrá mæligildi [7]

PLC tags

PLC tags

	Name	Data type	Address	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Supervision	Comment
	Hiti í framrás °C (hrátt gildi, 0-27648)	Word	%IW2	False	True	True	True		
	Hitastig í dæluhúsi °C (hrátt gildi, 0-27648)	Word	%IW8	False	True	True	True		
	Loftraki í dæluhúsi (%) (hrátt gildi, 0-27648)	Word	%IW6	False	True	True	True		
	Straumtaka mótors (A) (hrátt gildi, 0-27648)	Word	%IW14	False	True	True	True		
	Þrýstimælir - framrás (hrátt gildi, 0-27648)	Word	%IW22	False	True	True	True		
	Rennsli í framrás l/S (hrátt gildi)	Word	%IW12	False	True	True	True		
	Tíðni Hz frá tíðnibreyti	Word	%IW18	False	True	True	True		

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Hrá mæligildi [7]

User constants

User constants				
	Name	Data type	Value	Comment

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Inngangar [9]

PLC tags

PLC tags

	Name	Data type	Address	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Supervision	Comment
	Púls frá rennslismæli	Bool	%I1.5	False	True	True	True		
	Neyðarstopp í húsi	Bool	%I2.0	False	True	True	True		
	Bilun - útleysing vegna yfirálags á dælu	Bool	%I16.0	False	True	True	True		
	Bilun Aflrofi dælu útleysing	Bool	%I2.2	False	True	True	True		
	Bilun innkomandi rofi úti	Bool	%I2.1	False	True	True	True		
	Bilun Útleysing sjálfvara(1)	Bool	%I2.4	False	True	True	True		
	Gólfvatnsliði	Bool	%I10.0	False	True	True	True		
	Reykskynjari	Bool	%I10.1	False	True	True	True		
	hurðarofi inn	Bool	%I10.2	False	True	True	True		

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Inngangar [9]

User constants

User constants				
	Name	Data type	Value	Comment

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Raungildi mælinga [9]

PLC tags

PLC tags

	Name	Data type	Address	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Supervision	Comment
	Raungildi - Hiti í dæluhúsi	Real	%MD24	False	True	True	True		
	Raungildi - Hiti í framrás	Real	%MD12	False	True	True	True		
	Raungildi - Rennsli í framrás	Real	%MD4	False	True	True	True		
	Raungildi - Straumtaka mótors	Real	%MD36	False	True	True	True		
	Raungildi - Þrýstingur í framrás	Real	%MD16	False	True	True	True		
	Tíðni PID	Real	%MD40	False	True	True	True		
	Vifta PID	Real	%MD52	False	True	True	True		
	Raungildi tíðni	Real	%MD72	False	True	True	True		
	Raungildi raki í dæluhúsi	Real	%MD76	False	True	True	True		

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Raungildi mælinga [9]

User constants

User constants				
	Name	Data type	Value	Comment

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Skjámynd [12]

PLC tags

PLC tags

	Name	Data type	Address	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Supervision	Comment
	Skjámynd - Aflnotkun dælu	Real	%MD44	False	True	True	True		
	Skjámynd - Aflrofi útleysing	Bool	%M20.4	False	True	True	True		
	Skjámynd - Bilun mótor	Bool	%M10.5	False	True	True	True		
	Skjámynd - Útleysing sjálfvara	Bool	%M20.3	False	True	True	True		
	Skjámynd - Ræsing dælu handvirkt	Bool	%M10.3	False	True	True	True		
	Skjámynd - Ræsing dælu sjálfvirkt	Bool	%M10.0	False	True	True	True		
	Skjámynd - stöðvun dælu	Bool	%M10.2	False	True	True	True		
	Skjámynd - stilling dælu handvirkt	Real	%MD48	False	True	True	True		
	Skjámynd - Stopp	Bool	%M8.0	False	True	True	True		
	Skjámynd - neyðarstopp v/ yfirálag	Bool	%M8.1	False	True	True	True		
	Skjámynd - tíðni	Real	%MD60	False	True	True	True		
	Skjámynd - Start	Bool	%M11.0	False	True	True	True		

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Skjámynd [12]

User constants

User constants				
	Name	Data type	Value	Comment

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Stilligildi [5]

PLC tags

PLC tags

	Name	Data type	Address	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Supervision	Comment
	Stilligildi - Rennsli í framrás	Real	%MD8	False	True	True	True		
	Stilligildi - gangur dælu handvirkt	Real	%MD32	False	True	True	True		
	Stilligildi - vifta	Real	%MD56	False	True	True	True		
	millibreyta aflnotkun	Real	%MD64	False	True	True	True		
	millibreyta tíðni	Real	%MD68	False	True	True	True		

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC tags / Stilligildi [5]

User constants

User constants				
	Name	Data type	Value	Comment

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_CompactConfig

PID_CompactConfig Properties							
General							
Name	PID_CompactConfig	**Number**	1134	**Type**	UDT	**Language**	
Numbering							
Information							
Title	configuration data set	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment
InputPerOn	Bool		true	True	True	True	True	activate peripheral input
InvertControl	Bool		false	True	True	True	True	invert control direction
InputUpperLimit	Real		120.0	True	True	True	True	input (process value) upper limit
InputLowerLimit	Real		0.0	True	True	True	True	input (process value) lower limit
InputUpperWarning	Real		3.402822e+38	True	True	True	True	input (process value) upper level warning
InputLowerWarning	Real		-3.402822e+38	True	True	True	True	input (process value) lower level warning
OutputUpperLimit	Real		100.0	True	True	True	True	output value upper limit
OutputLowerLimit	Real		0.0	True	True	True	True	output value lower limit
SetpointUpperLimit	Real		3.402822e+38	True	True	True	True	setpoint upper limit value
SetpointLowerLimit	Real		-3.402822e+38	True	True	True	True	setpoint lower limit value
MinimumOnTime	Real		0.0	True	True	True	True	PWM minimum on time
MinimumOffTime	Real		0.0	True	True	True	True	PWM minimum off time
▼ InputScaling	PID_Scaling			True	True	True	True	input scaling
UpperPointIn	Real		27648.0	True	True	True	True	high value (input range of scaling)
LowerPointIn	Real		0.0	True	True	True	True	low value (input range of scaling)
UpperPointOut	Real		100.0	True	True	True	True	high value (output range of scaling)
LowerPointOut	Real		0.0	True	True	True	True	low value (output range of scaling)

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_Scaling

PID_Scaling Properties							
General							
Name	PID_Scaling	**Number**	1135	**Type**	UDT	**Language**	
Numbering							
Information							
Title	data for scaling	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment
UpperPointIn	Real		27648.0	True	True	True	True	high value (input range of scaling)
LowerPointIn	Real		0.0	True	True	True	True	low value (input range of scaling)
UpperPointOut	Real		100.0	True	True	True	True	high value (output range of scaling)
LowerPointOut	Real		0.0	True	True	True	True	low value (output range of scaling)

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_CycleTime

PID_CycleTime Properties							
General							
Name	PID_CycleTime	**Number**	1137	**Type**	UDT	**Language**	
Numbering							
Information							
Title	data set for cycle time estimation	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment
StartEstimation	Bool		true	True	True	True	False	start automatic estimation of call cycle time
EnEstimation	Bool		true	True	True	True	True	enable estimation of call cycle time
EnMonitoring	Bool		true	True	True	True	True	enable monitoring of call cycle time
Value	Real		0.1	True	True	True	True	call cycle time

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_CompactControlParams

PID_CompactControlParams Properties							
General							
Name	PID_CompactControlParams	**Number**	1138	**Type**	UDT	**Language**	
Numbering							
Information							
Title	controling parameter set	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment
Gain	Real		1.0	True	True	True	True	proportional gain
Ti	Real		20.0	True	True	True	True	reset time
Td	Real		0.0	True	True	True	True	derivative time
TdFiltRatio	Real		0.2	True	True	True	True	filter coefficient for derivative part
PWeighting	Real		1.0	True	True	True	True	weigthing of proportional part in direct, feedback path
DWeighting	Real		1.0	True	True	True	True	weigthing of derivative part in direct, feedback path
Cycle	Real		1.0	True	True	True	True	PID Controller cycle time

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_CompactSelfTune

PID_CompactSelfTune Properties							
General							
Name	PID_CompactSelfTune	**Number**	1139	**Type**	UDT	**Language**	
Numbering							
Information							
Title	data set for self tuning	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment
▼ SUT	PID_Compact_SUT			True	True	True	True	data set for start up tuning
CalculateParams	Bool		false	True	True	True	False	recalculate control parameters with parameters of startup tuning
TuneRule	Int		0	True	True	True	True	tuning rule for SUT (0-CHR PID,1-CHR PI)
State	Int		0	True	False	True	False	current phase of start up tuning
▼ TIR	PID_Compact_TIR			True	True	True	True	data set for tuning in run
RunIn	Bool		false	True	True	True	False	activate run in setpoint without controling
CalculateParams	Bool		false	True	True	True	False	recalculate control parameters with parameters of tuning in run
TuneRule	Int		0	True	True	True	True	tuning rule for TIR (0-2-A PID auto,fast,slow;3-ZN PID;4-ZN PI;5-ZN P)
State	Int		0	True	False	True	False	current phase of tuning in run

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_GradientEstimation

PID_GradientEstimation Properties							
General							
Name	PID_GradientEstimation	**Number**	1508	**Type**	UDT	**Language**	
Numbering							
Information							
Title	structure for gradient estimation	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_GradientParams

PID_GradientParams Properties							
General							
Name	PID_GradientParams	**Number**	1511	**Type**	UDT	**Language**	
Numbering							
Information							
Title	dataset of parameters for gradient estimation	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engi-neering	Setpoint	Comment

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_StandardDeviation

PID_StandardDeviation Properties							
General							
Name	PID_StandardDeviation	**Number**	1509	**Type**	UDT	**Language**	
Numbering							
Information							
Title	data for estimation of deviance	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_Compact_SUT

PID_Compact_SUT Properties							
General							
Name	PID_Compact_SUT	**Number**	1142	**Type**	UDT	**Language**	
Numbering							
Information							
Title	data set for start up tuning	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engi-neering	Setpoint	Comment
CalculateParams	Bool		false	True	True	True	False	recalculate control parameters with parameters of startup tuning
TuneRule	Int		0	True	True	True	True	tuning rule for SUT (0-CHR PID,1-CHR PI)
State	Int		0	True	False	True	False	current phase of start up tuning

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_Compact_TIR

PID_Compact_TIR Properties							
General							
Name	PID_Compact_TIR	**Number**	1143	**Type**	UDT	**Language**	
Numbering							
Information							
Title	data set for tuning in run	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment
RunIn	Bool		false	True	True	True	False	activate run in setpoint without controling
CalculateParams	Bool		false	True	True	True	False	recalculate control parameters with parameters of tuning in run
TuneRule	Int		0	True	True	True	True	tuning rule for TIR (0-2-A PID auto,fast,slow;3-ZN PID;4-ZN PI;5-ZN P)
State	Int		0	True	False	True	False	current phase of tuning in run

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_CompactControl

PID_CompactControl Properties							
General							
Name	PID_CompactControl	**Number**	1144	**Type**	UDT	**Language**	
Numbering							
Information							
Title	data for controling part	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment
PIDInit	Bool		false	True	True	True	False	initialization of controller
IntegralSum	Real		0.0	True	True	True	False	signal of integral part

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC data types / System data types

PID_CompactRetain

PID_CompactRetain Properties							
General							
Name	PID_CompactRetain	**Number**	1145	**Type**	UDT	**Language**	
Numbering							
Information							
Title	retain data	**Author**		**Comment**		**Family**	
Version		**User-defined ID**					

Name	Data type	Offset	Default value	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Comment
▼ CtrlParams	PID_CompactControl-Params			True	True	True	True	actual parameter set
Gain	Real		1.0	True	True	True	True	proportional gain
Ti	Real		20.0	True	True	True	True	reset time
Td	Real		0.0	True	True	True	True	derivative time
TdFiltRatio	Real		0.2	True	True	True	True	filter coefficient for derivative part
PWeighting	Real		1.0	True	True	True	True	weigthing of proportional part in direct, feedback path
DWeighting	Real		1.0	True	True	True	True	weigthing of derivative part in direct, feedback path
Cycle	Real		1.0	True	True	True	True	PID Controller cycle time

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Watch and force tables

Force table

Name	Address	Display format	Force value	Comment
"Loftraki í dæluhúsi (%) (hrátt gildi, 0-27648)":P	%IW6:P	Hex	16#2000	
"Reykskynjari":P	%I10.1:P	Bool	TRUE	
"Gólfvatnsliði":P	%I10.0:P	Bool	TRUE	
"Hitastig í dæluhúsi °C (hrátt gildi, 0-27648)":P	%IW8:P	Hex	16#4500	
"Bilun - útleysing vegna yfirálags á dælu":P	%I16.0:P	Bool	FALSE	
"Rennsli í framrás l/S (hrátt gildi)":P	%IW12:P	Hex	16#2000	
"hurðarofi inn":P	%I10.2:P	Bool	TRUE	
"Straumtaka mótors (A) (hrátt gildi, 0-27648)":P	%IW14:P	Hex	16#2000	
"Tíðni Hz frá tíðnibreyti":P	%IW18:P	Hex	16#5000	
"Hiti í framrás °C (hrátt gildi, 0-27648)":P	%IW2:P	Hex	16#3000	
"Þrýstimælir - framrás (hrátt gildi, 0-27648)":P	%IW22:P	Hex	16#3000	
"Mótor":P	%Q0.2:P	Bool	TRUE	
"Smurvatnsliði":P	%Q1.0:P	Bool	TRUE	

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Watch and force tables

Watch table_1

Name	Address	Display format	Modify value	Comment
"Hurð opin"	%M20.0	Bool	FALSE	
"Hurðarofi dæluhús"	%I1.3	Bool	FALSE	

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN]

Traces

Name

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Traces

Measurements

This folder is empty.

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Traces

Combined measurements

Name

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC supervisions & alarms

PLC supervisions

This folder is empty.

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC supervisions & alarms

PLC alarms

PLC alarms
No entries

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / PLC supervisions & alarms

System alarms

System alarms			
Name	SDIAG_ALCAT_SUBMODUL_MSG_0002	**Type**	PLC alarm
ID	1	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_MODUL_MSG_0003	**Type**	PLC alarm
ID	2	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_RACK_MSG_0004	**Type**	PLC alarm
ID	3	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_DEVICE_MSG_0005	**Type**	PLC alarm
ID	4	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_IOSYSTEM_MSG_0006	**Type**	PLC alarm
ID	5	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#276K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_OST_MSG_000D	**Type**	PLC alarm
ID	6	**Location**	PLC_1
Alarm text	CPU status message: @1W%t#7W@ @5W%t#7W@ @6W %t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W %t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	

Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_INFO_MSG_000F	**Type**	PLC alarm
ID	7	**Location**	PLC_1
Alarm text	CPU info: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_ERR_MSG_0010	**Type**	PLC alarm
ID	8	**Location**	PLC_1
Alarm text	CPU error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MD_MSG_0011	**Type**	PLC alarm
ID	9	**Location**	PLC_1
Alarm text	CPU maintenance demanded: @1W%t#7W@ @6W %t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MR_MSG1_0012	**Type**	PLC alarm
ID	10	**Location**	PLC_1
Alarm text	CPU maintenance required: @1W%t#7W@ @6W %t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_TMPERR_MSG_0013	**Type**	PLC alarm
ID	11	**Location**	PLC_1
Alarm text	Temporary CPU error: @1W%t#7W@ @5W%t#7W@ @6W %t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W %t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_ERR_MSG_0015	**Type**	PLC alarm
ID	12	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ on @8W%t#280K@ @6W %t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	

Name	SDIAG_ALCAT_ECH_ERR_MSG_0016	**Type**	PLC alarm
ID	13	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MD_MSG_0018	**Type**	PLC alarm
ID	14	**Location**	PLC_1
Alarm text	Maintenance demanded:@1W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MD_MSG_0019	**Type**	PLC alarm
ID	15	**Location**	PLC_1
Alarm text	Maintenance demanded:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MR_MSG_001B	**Type**	PLC alarm
ID	16	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MR_MSG_001C	**Type**	PLC alarm
ID	17	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_ERR_MSG_001E	**Type**	PLC alarm
ID	18	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	

Name	SDIAG_ALCAT_ESUB_ERR_MSG_001F	**Type**	PLC alarm
ID	19	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MD_MSG_0021	**Type**	PLC alarm
ID	20	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MD_MSG_0022	**Type**	PLC alarm
ID	21	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MR_MSG_0024	**Type**	PLC alarm
ID	22	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MR_MSG_0025	**Type**	PLC alarm
ID	23	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CONFIG_INFO_0028	**Type**	PLC alarm
ID	24	**Location**	PLC_1
Alarm text	Info: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ @6W%t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CONFIG_REPORT_0029	**Type**	PLC alarm
ID	25	**Location**	PLC_1

Alarm text	Info: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SECU_EV_MSG_005E	**Type**	PLC alarm
ID	26	**Location**	PLC_1
Alarm text	Security event: @1W%t#7W@ @5W%t#7W@ @6W %t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	Security
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SECU_EV_INFO_005F	**Type**	PLC alarm
ID	27	**Location**	PLC_1
Alarm text	Security information: @1W%t#7W@ @5W%t#7W@ @6W %t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	Security
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_USER_MSG_0080	**Type**	PLC alarm
ID	28	**Location**	PLC_1
Alarm text	User message: @1W%t#2W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_PLC_MSG_00FF	**Type**	PLC alarm
ID	29	**Location**	PLC_1
Alarm text	PLC notification: @1W%t#7W@ @5W%t#7W@ @6W %t#256K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUBMODUL_MSG_0102	**Type**	PLC alarm
ID	30	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_MODUL_MSG_0103	**Type**	PLC alarm
ID	31	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0

Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_RACK_MSG_0104	**Type**	PLC alarm
ID	32	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_DEVICE_MSG_0105	**Type**	PLC alarm
ID	33	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_IOSYSTEM_MSG_0106	**Type**	PLC alarm
ID	34	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#276K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_OST_MSG_010D	**Type**	PLC alarm
ID	35	**Location**	PLC_1
Alarm text	CPU status message: @1W%t#7W@ @5W%t#7W@ @6W %t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W %t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_ERR_MSG_0110	**Type**	PLC alarm
ID	36	**Location**	PLC_1
Alarm text	CPU error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MD_MSG_0111	**Type**	PLC alarm
ID	37	**Location**	PLC_1
Alarm text	CPU maintenance demanded: @1W%t#7W@ @6W %t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	

Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MR_MSG1_0112	**Type**	PLC alarm
ID	38	**Location**	PLC_1
Alarm text	CPU maintenance required: @1W%t#7W@ @6W %t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_ERR_MSG_0115	**Type**	PLC alarm
ID	39	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ on @8W%t#280K@ @6W %t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_ERR_MSG_0116	**Type**	PLC alarm
ID	40	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MD_MSG_0118	**Type**	PLC alarm
ID	41	**Location**	PLC_1
Alarm text	Maintenance demanded:@1W%t#7W@ on @8W %t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W %t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MD_MSG_0119	**Type**	PLC alarm
ID	42	**Location**	PLC_1
Alarm text	Maintenance demanded:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W %t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MR_MSG_011B	**Type**	PLC alarm
ID	43	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	

Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MR_MSG_011C	**Type**	PLC alarm
ID	44	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W %t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_ERR_MSG_011E	**Type**	PLC alarm
ID	45	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @6W%t#257K@ / @6W %t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_ERR_MSG_011F	**Type**	PLC alarm
ID	46	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MD_MSG_0121	**Type**	PLC alarm
ID	47	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MD_MSG_0122	**Type**	PLC alarm
ID	48	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MR_MSG_0124	**Type**	PLC alarm
ID	49	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	

Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MR_MSG_0125	**Type**	PLC alarm
ID	50	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CONFIG_INFO_0128	**Type**	PLC alarm
ID	51	**Location**	PLC_1
Alarm text	Info: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_PLC_MSG_01FF	**Type**	PLC alarm
ID	52	**Location**	PLC_1
Alarm text	PLC notification: @1W%t#7W@ @5W%t#7W@ @6W %t#256K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	11/5/2019 2:07 PM	**Last change**	11/5/2019 2:07 PM
Group ID	0	**Additional text 1**	PLC_1
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	

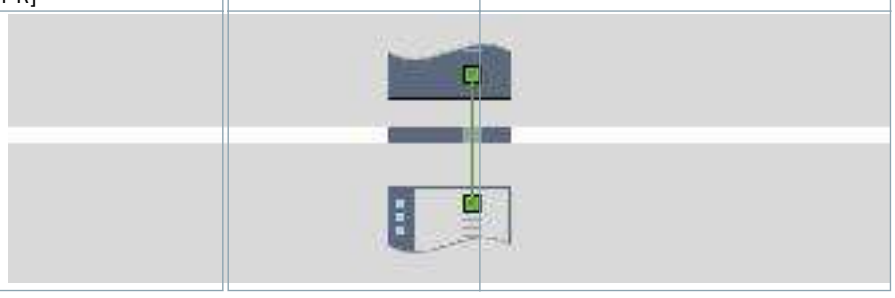
Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN]

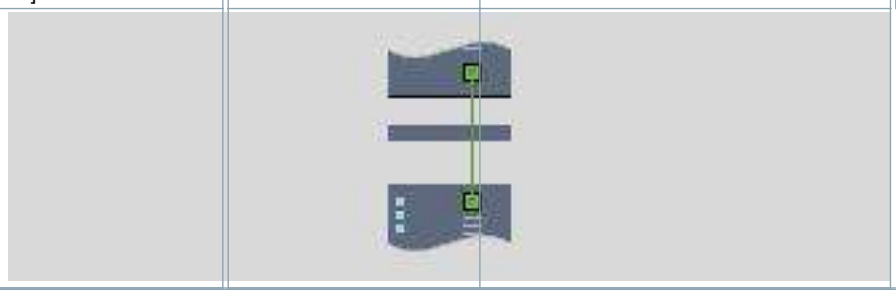
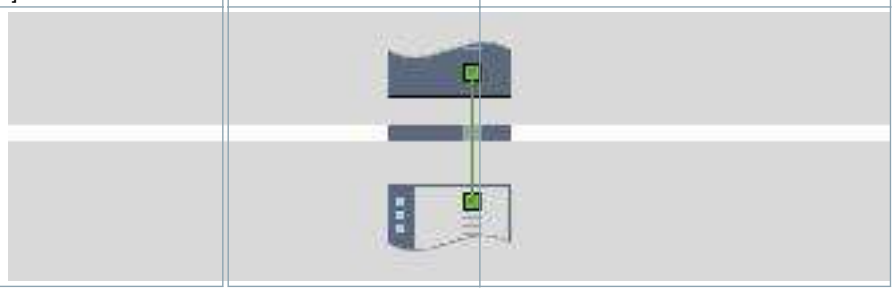
PLC alarm text lists

This folder is empty.

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Local modules

PLC_1 [CPU 1515-2 PN]

PLC_1					
General\Project information					
Name	PLC_1	**Author**	vgest	**Comment**	
Rack	0	**Slot**	1		
General\Catalog information					
Short designation	CPU 1515-2 PN	**Description**	CPU with display; work memory 500 KB code and 3 MB data; 30 ns bit instruction time; 4-stage protection concept, technology functions: motion control, closed-loop control, counting & measuring; tracing; 1st interface: PROFINET IO controller, supports RT/IRT, performance upgrade PROFINET V2.3, 2 ports, I-device, MRP, MRPD, transport protocol TCP/IP, secure Open User Communication, S7 communication, Web server, DNS client, OPC UA server data access, constant bus cycle time, routing; 2nd interface: PROFINET IO controller, supports RT, I-device, transport protocol TCP/IP, secure Open User Communication, S7 communication, Web server, DNS client, OPC UA server data access; Runtime options, firmware V2.0	**Article number**	6ES7 515-2AM01-0AB0
Firmware version	V2.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2019-11-02 10:44:02.085
Additional information					
General\Checksums					
Text lists	FA 70 E8 75 1D 5A 8E 29	**Software**	Not available (compile necessary)		
PROFINET interface [X1]\General					
Name	PROFINET interface_1	**Author**	vgest	**Comment**	
PROFINET interface [X1]\Ethernet addresses\Interface networked with					
Subnet:	PN/IE_1				
PROFINET interface [X1]\Ethernet addresses\IP protocol					
IP configuration	Set IP address in the project	**IP address:**	192.168.0.1	**Subnet mask:**	255.255.255.0
Use router	False				
PROFINET interface [X1]\Ethernet addresses\PROFINET					
PROFINET device name is set directly at the device	False	**Generate PROFINET device name automatically**	True	**PROFINET device name:**	plc_1.profinet interface_1
Converted name:	plcxb1.profinetxainterfacexb1036c	**Device number:**	0		
PROFINET interface [X1]\Time synchronization\NTP mode					
Note	Time synchronization for all PROFINET interfaces take place within the settings for time synchronization of the PROFINET interface [X1].	**Enable time synchronization via NTP server**	False		IP addresses
Server 1	0.0.0.0	**Server 2**	0.0.0.0	**Server 3**	0.0.0.0
Server 4	0.0.0.0	**Update interval**	10s		
PROFINET interface [X1]\Operating mode					
IO controller	True	**IO system**		**Device number**	0
IO device	False				
PROFINET interface [X1]\Advanced options\Interface options					
Call the user program if communication errors occur	False	**Support device replacement without exchangeable medium**	True	**Permit overwriting of device names of all assigned IO devices**	False
Limit data infeed into the network	True	**Use IEC V2.2 LLDP mode**	False	**Keep-Alive connection monitoring:**	30s
PROFINET interface [X1]\Advanced options\Media redundancy					
MRP domain	mrpdomain-1	**Media redundancy role:**	Not device in the ring		
PROFINET interface [X1]\Advanced options\Real time settings\IO communication					
Send clock:	1.000ms				
PROFINET interface [X1]\Advanced options\Real time settings\Synchronization					
Sync domain:	Sync-Domain_1	**Synchronization role:**	Unsynchronized	**RT class:**	RT,IRT
PROFINET interface [X1]\Advanced options\Real time settings\Real time options					
Calculated bandwidth for cyclic IO data:	0.000ms	**Calculated bandwidth for cyclic IO data:**	0.000%		
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\General					
Name	Port_1	**Author**	vgest	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_1 [X1 P1 R]	**Medium:**	Copper	**Cable name:**	---
					

PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Alternative partners**	False	**Partner port:**	Any partner
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\General					
Name	Port_2	**Author**	vgest	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_2 [X1 P2 R]	**Medium:**	Copper	**Cable name:**	---
					
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port interconnection\Partner port:					
	Monitoring of partner port is executed	**Alternative partners**	False	**Partner port:**	HMI_1.IE_CP_1\PROFINET Interface_1 [X1]\Port_1 [X1 P1]
Medium:	Copper	**Cable length:**			
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Web server access					
Note	The Web server must also be activated in the properties of the PLC.	**Enable Web server using this interface**	False		
PROFINET interface [X2]\General					
Name	PROFINET interface_2	**Author**	vgest	**Comment**	
PROFINET interface [X2]\Ethernet addresses\Interface networked with					
Subnet:	Not connected				
PROFINET interface [X2]\Ethernet addresses\IP protocol					
IP configuration	Set IP address in the project	**IP address:**	192.168.1.1	**Subnet mask:**	255.255.255.0
Use router	False				
PROFINET interface [X2]\Ethernet addresses\PROFINET					
PROFINET device name is set directly at the device	False	**Generate PROFINET device name automatically**	True	**PROFINET device name:**	plc_1.profinet interface_2
Converted name:	plcxb1.profinetxainterfacexb2022c	**Device number:**	0		
PROFINET interface [X2]\Time synchronization\NTP mode					
Note	Time synchronization for all PROFINET interfaces take place within the settings for time synchronization of the PROFINET interface [X1].	**Enable time synchronization via NTP server**	False		IP addresses
Server 1	0.0.0.0	**Server 2**	0.0.0.0	**Server 3**	0.0.0.0
Server 4	0.0.0.0	**Update interval**	10s		
PROFINET interface [X2]\Operating mode					
IO controller	True	**IO system**		**Device number**	0
IO device	False				
PROFINET interface [X2]\Advanced options\Interface options					
Call the user program if communication errors occur	False	**Support device replacement without exchangeable medium**	True	**Permit overwriting of device names of all assigned IO devices**	False
Limit data infeed into the network	False	**Use IEC V2.2 LLDP mode**	False	**Keep-Alive connection monitoring:**	30s
PROFINET interface [X2]\Advanced options\Real time settings\IO communication					
Send clock:	1.000ms				
PROFINET interface [X2]\Advanced options\Real time settings\Real time options					
Calculated bandwidth for cyclic IO data:	0.000ms	**Calculated bandwidth for cyclic IO data:**	0.000%		
PROFINET interface [X2]\Advanced options\Port [X2 P1]\General					
Name	Port_1	**Author**	vgest	**Comment**	
PROFINET interface [X2]\Advanced options\Port [X2 P1]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_2 [X2]\Port_1 [X2 P1]	**Medium:**	Copper	**Cable name:**	---
					

PROFINET interface [X2]\Advanced options\Port [X2 P1]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Alternative partners**	False	**Partner port:**	Any partner
PROFINET interface [X2]\Advanced options\Port [X2 P1]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X2]\Advanced options\Port [X2 P1]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X2]\Advanced options\Port [X2 P1]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X2]\Web server access					
Note	The Web server must also be activated in the properties of the PLC.	**Enable Web server using this interface**	False		
Startup					
Startup after POWER ON	Warm restart - Operating mode before POWER OFF	**Comparison preset to actual configuration**	Startup CPU even if mismatch	**Configuration time**	60000ms
Cycle					
Maximum cycle time	150ms			**Enable minimum cycle time for cyclic OBs**	True
Minimum cycle time	1ms				
Communication load					
Cycle load due to communication	50%				
System and clock memory\System memory bits					
Enable the use of system memory byte	False	**Address of system memory byte (MBx)**	1	**First cycle**	
Diagnostic status changed		**Always 1 (high)**		**Always 0 (low)**	
System and clock memory\Clock memory bits					
Enable the use of clock memory byte	False	**Address of clock memory byte (MBx)**	0	**10 Hz clock**	
5 Hz clock		**2.5 Hz clock**		**2 Hz clock**	
1.25 Hz clock		**1 Hz clock**		**0.625 Hz clock**	
0.5 Hz clock					
SIMATIC Memory Card\Diagnostics					
Aging of the SIMATIC memory card	False	**Threshold value**	80%		
System diagnostics\General					
Activate system diagnostics for this device	True				
PLC alarms\General					
Central alarm management in the PLC	True				
Web server\General					
Activate web server on this module	False	**Permit access only with HTTPS**	False		
Web server\Automatic update					
Enable automatic update	True	**Update interval**	0s		

Web server\User management

User name	User rights
Everybody	

Web server\User-defined web pages

Application name	HTML source path	Default HTML page	Files with dynamic content	Web DB number	Fragment DB number
		index.htm	.htm;.html	333	334

Web server\Overview of interfaces

Device	Interface	Enabled web server access
PLC_1	PROFINET interface_1	False
PLC_1	PROFINET interface_2	False

DNS configuration					
No DNS server address is configured.					
Display\General\Display standby mode					
Time to standby mode	30 minutes				
Display\General\Energy saving mode					
Time to energy saving mode	15 minutes				
Display\General\Display language					
Default language on display	English				
Display\Automatic update					
Time to update	5 seconds				
Display\Password\Display protection					
Enable write access	True	**Enable display protection**	False		
Display\User-defined logo					
User logo activated	False	**Adapt logo**	False	**Resolution**	240x260
Company logo	---				

User interface languages	
Assign project language	**User interface languages**
English (United States)	German
English (United States)	English
English (United States)	French
English (United States)	Spanish
English (United States)	Italian
English (United States)	Japanese
English (United States)	Chinese (simplified)
English (United States)	Korean
English (United States)	Russian
English (United States)	Turkish
English (United States)	Portuguese (Brazil)

Time of day\Local time					
Time zone	(UTC) Dublin, Edinburgh, Lisbon, London				
Time of day\Daylight saving time					
Activate daylight saving time	True	**Difference between standard and daylight saving time**	60mins		
Time of day\Daylight saving time\Start of daylight saving time					
Selection of the week	Last	**Selection of the weekday**	Sunday	**of**	March
at	01:00 a.m.				
Time of day\Daylight saving time\Start of standard time					
Selection of the week	Last	**Selection of the weekday**	Sunday	**of**	October
at	02:00 a.m.				
Protection					
Level of protection	Full access (no protection)				
Protection\Connection mechanisms					
Permit access with PUT/GET communication from remote partner	True				
Protection\Security event					
Summarize security events in case of high message volume	True	**Length of an interval**	20	**Unit**	seconds
OPC UA\Server					
Activate OPC UA server	False				
System power supply\General					
General	Connection to supply voltage L+				

System power supply\\Power segment overview		
Module	**Slot**	**Supply/consumption**
PLC_1	1	12.00W
DI 16x24VDC BA_1	2	-1.05W
DI 16x24VDC BA_2	3	-1.05W
DQ 16x24VDC/0.5A BA_1	4	-1.15W
AI 8xU/R/RTD/TC HF_1	5	-0.85W
AI 8xU/I/RTD/TC ST_1	6	-0.70W
	Summary	7.20W

Configuration control\Configuration control for central configuration					
Allow reconfiguration of device via the user program	False				

Connection resources\				
	Station resources - Reserved - Maximum	**Station resources - Reserved - Configured**	**Station resources - Dynamic - Configured**	**Module resources - PLC_1 [CPU 1515-2 PN] - Configured**
Maximum number of resources:		10	98	108
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	4	1	0	1
S7 communication:	0	-	0	0
Open user communication:	0	-	0	0
Web communication:	2	-	-	-
Other communication:	-	-	0	0
Total resources used:		1	0	1
Available resources:		9	98	107

Overview of addresses\Overview of addresses\Overview of addresses					
Inputs	True	**Outputs**	True	**Address gaps**	False
Slot	True				

Type	Addr. from	Addr. to	Module	PIP	OB	Device name	Device number	Size	Master / IO system	Rack	Slot
I	0	1	DI 16x24VDC BA_1	Automatic update	-	PLC_1 [CPU 1515-2 PN]	-	2 Bytes	-	0	2
I	2	3	DI 16x24VDC BA_2	Automatic update	-	PLC_1 [CPU 1515-2 PN]	-	2 Bytes	-	0	3
O	0	1	DQ 16x24VDC/0.5A BA_1	Automatic update	-	PLC_1 [CPU 1515-2 PN]	-	2 Bytes	-	0	4
I	20	37	AI 8xU/R/RTD/TC HF_1	Automatic update	-	PLC_1 [CPU 1515-2 PN]	-	18 Bytes	-	0	5
I	4	19	AI 8xU/I/RTD/TC ST_1	Automatic update	-	PLC_1 [CPU 1515-2 PN]	-	16 Bytes	-	0	6

Runtime licenses\OPC UA\Runtime licenses			
Type of required license	None	**Type of purchased license**	No license
Runtime licenses\ProDiag\Supervisions			
Number of used supervisions	0		
Runtime licenses\ProDiag\Runtime licenses			
Number of required licenses	None (<= 25 supervisions)	**Used ProDiag licenses**	No license
Runtime licenses\Energy Suite\Energy objects			
Number of configured energy objects	0		
Runtime licenses\Energy Suite\Runtime licenses			
Total number of licensed energy objects	0		
Runtime licenses\Energy Suite\Runtime licenses\Number of purchased licenses			
License type '5 energy objects'	No license	**License type '10 energy objects'**	No license

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Local modules

DI 16x24VDC BA_1

DI 16x24VDC BA_1					
General\Project information					
Name	DI 16x24VDC BA_1	**Author**	vgest	**Comment**	
Rack	0	**Slot**	2		
General\Catalog information					
Short designation	DI 16x24VDC BA	**Description**	Digital input module DI16 x 24VDC; grouping 16; input delay 3.2ms; input type 3 (IEC 61131)	**Article number**	6ES7 521-1BH10-0AA0
Firmware version	V1.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2019-11-02 11:08:05.791
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\DI Configuration\Configuration of submodules					
Module distribution	None				
Module parameters\DI Configuration\Value status (Quality Information)					
Value status	False				
Module parameters\DI Configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 15\General					
Name	DI 16x24VDC BA_1	**Comment**			
Input 0 - 15\Inputs\General\Module failure					
Input values with module failure	Input value 0				
Input 0 - 15\I/O addresses\Input addresses					
Start address	0.0	**End address**	1.7	**Organization block**	0
Process image	0				

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Local modules

DI 16x24VDC BA_2

DI 16x24VDC BA_2					
General\Project information					
Name	DI 16x24VDC BA_2	**Author**	vgest	**Comment**	
Rack	0	**Slot**	3		
General\Catalog information					
Short designation	DI 16x24VDC BA	**Description**	Digital input module DI16 x 24VDC; grouping 16; input delay 3.2ms; input type 3 (IEC 61131)	**Article number**	6ES7 521-1BH10-0AA0
Firmware version	V1.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2019-11-02 11:08:10.413
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\DI Configuration\Configuration of submodules					
Module distribution	None				
Module parameters\DI Configuration\Value status (Quality Information)					
Value status	False				
Module parameters\DI Configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 15\General					
Name	DI 16x24VDC BA_2	**Comment**			
Input 0 - 15\Inputs\General\Module failure					
Input values with module failure	Input value 0				
Input 0 - 15\I/O addresses\Input addresses					
Start address	2.0	**End address**	3.7	**Organization block**	0
Process image	0				

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Local modules

DQ 16x24VDC/0.5A BA_1

DQ 16x24VDC/0.5A BA_1					
General\Project information					
Name	DQ 16x24VDC/0.5A BA_1	**Author**	vgest	**Comment**	
Rack	0	**Slot**	4		
General\Catalog information					
Short designation	DQ 16x24VDC/0.5A BA	**Description**	Digital output module DQ16 x 24VDC / 0.5A; grouping 8; 4A per group	**Article number**	6ES7 522-1BH10-0AA0
Firmware version	V1.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2019-11-02 11:09:30.371
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\DQ configuration\Configuration of submodules					
Module distribution	None				
Module parameters\DQ configuration\Value status (Quality Information)					
Value status	False				
Module parameters\DQ configuration\Copy of module for shared device (MSO)					
Copy of module:	None				
Output 0 - 15\General					
Name	DQ 16x24VDC/0.5A BA_1	**Comment**			
Output 0 - 15\I/O addresses\Output addresses					
Start address	0.0	**End address**	1.7	**Organization block**	0
Process image	0				

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Local modules

AI 8xU/R/RTD/TC HF_1

AI 8xU/R/RTD/TC HF_1					
General\Project information					
Name	AI 8xU/R/RTD/TC HF_1	**Author**	arnthort	**Comment**	
Rack	0	**Slot**	5		
General\Catalog information					
Short designation	AI 8xU/R/RTD/TC HF	**Description**	Analog input module AI8 x U/R/RTD/TC 16-bit; grouping 1; common mode voltage 120 V; configurable diagnostics; hardware interrupts; scalable temperature measuring range	**Article number**	6ES7 531-7PF00-0AB0
Firmware version	V1.1				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2019-11-05 14:07:16.104
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Reference junction	False	**Wire break**	False		
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Measuring					
Measurement type	Thermal resistor (4-wire)	**Measuring range**	Pt 100 standard range	**Operating mode**	Standard
Temperature coefficient	Pt 0.003851	**Temperature unit**	Degrees Celsius	**Reference junction**	
Fixed reference temperature		**Interference frequency suppression**	50Hz	**Smoothing**	None
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Measuring\Scalable measuring range					
Measuring range resolution		**Measuring range center**	0	**Maximum (scalable measuring range)**	1000.00
Minimum (scalable measuring range)	-243.00				
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Measuring\Scalable measuring range\Active					
Active	False				
Module parameters\AI configuration\Configuration of submodules					
Module distribution	None				
Module parameters\AI configuration\Value status (Quality Information)					
Value status	False				
Module parameters\AI configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 8\General					
Name	AI 8xU/R/RTD/TC HF_1	**Comment**			
Input 0 - 8\Inputs\Channel 0					
Parameter settings	From template				
Input 0 - 8\Inputs\Channel 0\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Reference junction	False	**Wire break**	False		
Input 0 - 8\Inputs\Channel 0\Measuring					
Measurement type	Thermal resistor (4-wire)	**Measuring range**	Pt 100 standard range	**Operating mode**	Standard
Temperature coefficient	Pt 0.003851	**Temperature unit**	Degrees Celsius	**Reference junction**	
Fixed reference temperature		**Interference frequency suppression**	50Hz	**Smoothing**	None
Input 0 - 8\Inputs\Channel 0\Measuring\Scalable measuring range					
Measuring range resolution		**Measuring range center**	0	**Maximum (scalable measuring range)**	1000.00
Minimum (scalable measuring range)	-243.00				
Input 0 - 8\Inputs\Channel 0\Measuring\Scalable measuring range\Active (scalable measuring range)					
Active	False				
Input 0 - 8\Inputs\Channel 0\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 8\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49264	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne0**	UpperLimitOne0	**Channel number**	0
HwEventTypeLimit1Overrun	4				
Input 0 - 8\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49296	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne0**	LowerLimitOne0	**Channel number**	0
HwEventTypeLimit1Underrun	3				
Input 0 - 8\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49248	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo0**	UpperLimitTwo0	**Channel number**	0
HwEventTypeLimit2Overrun	6				

Input 0 - 8\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49280	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo0**	LowerLimitTwo0	**Channel number**	0
HwEventTypeLimit2Underrun	5				
Input 0 - 8\Inputs\Channel 1					
Parameter settings	From template				
Input 0 - 8\Inputs\Channel 1\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Reference junction	False	**Wire break**	False		
Input 0 - 8\Inputs\Channel 1\Measuring					
Measurement type	Thermal resistor (4-wire)	**Measuring range**	Pt 100 standard range	**Operating mode**	Standard
Temperature coefficient	Pt 0.003851	**Temperature unit**	Degrees Celsius	**Reference junction**	
Fixed reference temperature		**Interference frequency suppression**	50Hz	**Smoothing**	None
Input 0 - 8\Inputs\Channel 1\Measuring\Scalable measuring range					
Measuring range resolution		**Measuring range center**	0	**Maximum (scalable measuring range)**	1000.00
Minimum (scalable measuring range)	-243.00				
Input 0 - 8\Inputs\Channel 1\Measuring\Scalable measuring range\Active (scalable measuring range)					
Active	False				
Input 0 - 8\Inputs\Channel 1\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 8\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49265	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne1**	UpperLimitOne1	**Channel number**	1
HwEventTypeLimit1Overrun	4				
Input 0 - 8\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49297	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne1**	LowerLimitOne1	**Channel number**	1
HwEventTypeLimit1Underrun	3				
Input 0 - 8\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49249	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo1**	UpperLimitTwo1	**Channel number**	1
HwEventTypeLimit2Overrun	6				
Input 0 - 8\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49281	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo1**	LowerLimitTwo1	**Channel number**	1
HwEventTypeLimit2Underrun	5				
Input 0 - 8\Inputs\Channel 2					
Parameter settings	From template				
Input 0 - 8\Inputs\Channel 2\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Reference junction	False	**Wire break**	False		
Input 0 - 8\Inputs\Channel 2\Measuring					
Measurement type	Thermal resistor (4-wire)	**Measuring range**	Pt 100 standard range	**Operating mode**	Standard
Temperature coefficient	Pt 0.003851	**Temperature unit**	Degrees Celsius	**Reference junction**	
Fixed reference temperature		**Interference frequency suppression**	50Hz	**Smoothing**	None
Input 0 - 8\Inputs\Channel 2\Measuring\Scalable measuring range					
Measuring range resolution		**Measuring range center**	0	**Maximum (scalable measuring range)**	1000.00
Minimum (scalable measuring range)	-243.00				
Input 0 - 8\Inputs\Channel 2\Measuring\Scalable measuring range\Active (scalable measuring range)					
Active	False				
Input 0 - 8\Inputs\Channel 2\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 8\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49266	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne2**	UpperLimitOne2	**Channel number**	2
HwEventTypeLimit1Overrun	4				
Input 0 - 8\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49298	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne2**	LowerLimitOne2	**Channel number**	2
HwEventTypeLimit1Underrun	3				
Input 0 - 8\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49250	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo2**	UpperLimitTwo2	**Channel number**	2

HwEventTypeLimit2Overrun	6				
Input 0 - 8\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49282	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo2**	LowerLimitTwo2	**Channel number**	2
HwEventTypeLimit2Underrun	5				
Input 0 - 8\Inputs\Channel 3					
Parameter settings	From template				
Input 0 - 8\Inputs\Channel 3\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Reference junction	False	**Wire break**	False		
Input 0 - 8\Inputs\Channel 3\Measuring					
Measurement type	Thermal resistor (4-wire)	**Measuring range**	Pt 100 standard range	**Operating mode**	Standard
Temperature coefficient	Pt 0.003851	**Temperature unit**	Degrees Celsius	**Reference junction**	
Fixed reference temperature		**Interference frequency suppression**	50Hz	**Smoothing**	None
Input 0 - 8\Inputs\Channel 3\Measuring\Scalable measuring range					
Measuring range resolution		**Measuring range center**	0	**Maximum (scalable measuring range)**	1000.00
Minimum (scalable measuring range)	-243.00				
Input 0 - 8\Inputs\Channel 3\Measuring\Scalable measuring range\Active (scalable measuring range)					
Active	False				
Input 0 - 8\Inputs\Channel 3\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 8\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49267	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne3**	UpperLimitOne3	**Channel number**	3
HwEventTypeLimit1Overrun	4				
Input 0 - 8\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49299	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne3**	LowerLimitOne3	**Channel number**	3
HwEventTypeLimit1Underrun	3				
Input 0 - 8\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49251	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo3**	UpperLimitTwo3	**Channel number**	3
HwEventTypeLimit2Overrun	6				
Input 0 - 8\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49283	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo3**	LowerLimitTwo3	**Channel number**	3
HwEventTypeLimit2Underrun	5				
Input 0 - 8\Inputs\Channel 4					
Parameter settings	From template				
Input 0 - 8\Inputs\Channel 4\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Reference junction	False	**Wire break**	False		
Input 0 - 8\Inputs\Channel 4\Measuring					
Measurement type	Thermal resistor (4-wire)	**Measuring range**	Pt 100 standard range	**Operating mode**	Standard
Temperature coefficient	Pt 0.003851	**Temperature unit**	Degrees Celsius	**Reference junction**	
Fixed reference temperature		**Interference frequency suppression**	50Hz	**Smoothing**	None
Input 0 - 8\Inputs\Channel 4\Measuring\Scalable measuring range					
Measuring range resolution		**Measuring range center**	0	**Maximum (scalable measuring range)**	1000.00
Minimum (scalable measuring range)	-243.00				
Input 0 - 8\Inputs\Channel 4\Measuring\Scalable measuring range\Active (scalable measuring range)					
Active	False				
Input 0 - 8\Inputs\Channel 4\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 8\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49268	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne4**	UpperLimitOne4	**Channel number**	4
HwEventTypeLimit1Overrun	4				
Input 0 - 8\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49300	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne4**	LowerLimitOne4	**Channel number**	4
HwEventTypeLimit1Underrun	3				
Input 0 - 8\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49252	**Event name:**	

Hardware interrupt:	0	**UpperLimitTwo4**	UpperLimitTwo4	**Channel number**	4
HwEventTypeLimit2Overrun	6				
Input 0 - 8\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49284	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo4**	LowerLimitTwo4	**Channel number**	4
HwEventTypeLimit2Underrun	5				
Input 0 - 8\Inputs\Channel 5					
Parameter settings	From template				
Input 0 - 8\Inputs\Channel 5\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Reference junction	False	**Wire break**	False		
Input 0 - 8\Inputs\Channel 5\Measuring					
Measurement type	Thermal resistor (4-wire)	**Measuring range**	Pt 100 standard range	**Operating mode**	Standard
Temperature coefficient	Pt 0.003851	**Temperature unit**	Degrees Celsius	**Reference junction**	
Fixed reference temperature		**Interference frequency suppression**	50Hz	**Smoothing**	None
Input 0 - 8\Inputs\Channel 5\Measuring\Scalable measuring range					
Measuring range resolution		**Measuring range center**	0	**Maximum (scalable measuring range)**	1000.00
Minimum (scalable measuring range)	-243.00				
Input 0 - 8\Inputs\Channel 5\Measuring\Scalable measuring range\Active (scalable measuring range)					
Active	False				
Input 0 - 8\Inputs\Channel 5\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 8\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49269	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne5**	UpperLimitOne5	**Channel number**	5
HwEventTypeLimit1Overrun	4				
Input 0 - 8\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49301	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne5**	LowerLimitOne5	**Channel number**	5
HwEventTypeLimit1Underrun	3				
Input 0 - 8\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49253	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo5**	UpperLimitTwo5	**Channel number**	5
HwEventTypeLimit2Overrun	6				
Input 0 - 8\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49285	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo5**	LowerLimitTwo5	**Channel number**	5
HwEventTypeLimit2Underrun	5				
Input 0 - 8\Inputs\Channel 6					
Parameter settings	From template				
Input 0 - 8\Inputs\Channel 6\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Reference junction	False	**Wire break**	False		
Input 0 - 8\Inputs\Channel 6\Measuring					
Measurement type	Thermal resistor (4-wire)	**Measuring range**	Pt 100 standard range	**Operating mode**	Standard
Temperature coefficient	Pt 0.003851	**Temperature unit**	Degrees Celsius	**Reference junction**	
Fixed reference temperature		**Interference frequency suppression**	50Hz	**Smoothing**	None
Input 0 - 8\Inputs\Channel 6\Measuring\Scalable measuring range					
Measuring range resolution		**Measuring range center**	0	**Maximum (scalable measuring range)**	1000.00
Minimum (scalable measuring range)	-243.00				
Input 0 - 8\Inputs\Channel 6\Measuring\Scalable measuring range\Active (scalable measuring range)					
Active	False				
Input 0 - 8\Inputs\Channel 6\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 8\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49270	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne6**	UpperLimitOne6	**Channel number**	6
HwEventTypeLimit1Overrun	4				
Input 0 - 8\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49302	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne6**	LowerLimitOne6	**Channel number**	6
HwEventTypeLimit1Underrun	3				

Input 0 - 8\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49254	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo6**	UpperLimitTwo6	**Channel number**	6
HwEventTypeLimit2Overrun	6				
Input 0 - 8\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49286	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo6**	LowerLimitTwo6	**Channel number**	6
HwEventTypeLimit2Underrun	5				
Input 0 - 8\Inputs\Channel 7					
Parameter settings	From template				
Input 0 - 8\Inputs\Channel 7\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Reference junction	False	**Wire break**	False		
Input 0 - 8\Inputs\Channel 7\Measuring					
Measurement type	Thermal resistor (4-wire)	**Measuring range**	Pt 100 standard range	**Operating mode**	Standard
Temperature coefficient	Pt 0.003851	**Temperature unit**	Degrees Celsius	**Reference junction**	
Fixed reference temperature		**Interference frequency suppression**	50Hz	**Smoothing**	None
Input 0 - 8\Inputs\Channel 7\Measuring\Scalable measuring range					
Measuring range resolution		**Measuring range center**	0	**Maximum (scalable measuring range)**	1000.00
Minimum (scalable measuring range)	-243.00				
Input 0 - 8\Inputs\Channel 7\Measuring\Scalable measuring range\Active (scalable measuring range)					
Active	False				
Input 0 - 8\Inputs\Channel 7\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 8\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49271	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne7**	UpperLimitOne7	**Channel number**	7
HwEventTypeLimit1Overrun	4				
Input 0 - 8\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49303	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne7**	LowerLimitOne7	**Channel number**	7
HwEventTypeLimit1Underrun	3				
Input 0 - 8\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49255	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo7**	UpperLimitTwo7	**Channel number**	7
HwEventTypeLimit2Overrun	6				
Input 0 - 8\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49287	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo7**	LowerLimitTwo7	**Channel number**	7
HwEventTypeLimit2Underrun	5				
Input 0 - 8\Inputs\Channel 8 (COMP)					
Parameter settings	From template				
Input 0 - 8\Inputs\Channel 8 (COMP)\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Reference junction	False	**Wire break**	False		
Input 0 - 8\Inputs\Channel 8 (COMP)\Measuring					
Measurement type	Thermal resistor (4-wire)	**Measuring range**	Pt 100 standard range	**Operating mode**	Standard
Temperature coefficient	Pt 0.003851	**Temperature unit**	Degrees Celsius	**Reference junction**	
Fixed reference temperature		**Interference frequency suppression**	50Hz	**Smoothing**	None
Input 0 - 8\Inputs\Channel 8 (COMP)\Measuring\Scalable measuring range					
Measuring range resolution		**Measuring range center**	0	**Maximum (scalable measuring range)**	1000.00
Minimum (scalable measuring range)	-243.00				
Input 0 - 8\Inputs\Channel 8 (COMP)\Measuring\Scalable measuring range\Active (scalable measuring range)					
Active	False				
Input 0 - 8\Inputs\Channel 8 (COMP)\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 8\Inputs\Channel 8 (COMP)\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49272	**Event name:**	0
Hardware interrupt:	0	**UpperLimitOne8**	UpperLimitOne8	**Channel number**	8
HwEventTypeLimit1Overrun	4				
Input 0 - 8\Inputs\Channel 8 (COMP)\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49304	**Event name:**	0
Hardware interrupt:	0	**LowerLimitOne8**	LowerLimitOne8	**Channel number**	8

HwEventTypeLimit1Underrun	3				
Input 0 - 8\Inputs\Channel 8 (COMP)\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49256	**Event name:**	0
Hardware interrupt:	0	**UpperLimitTwo8**	UpperLimitTwo8	**Channel number**	8
HwEventTypeLimit2Overrun	6				
Input 0 - 8\Inputs\Channel 8 (COMP)\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49288	**Event name:**	0
Hardware interrupt:	0	**LowerLimitTwo8**	LowerLimitTwo8	**Channel number**	8
HwEventTypeLimit2Underrun	5				
Input 0 - 8\I/O addresses\Input addresses					
Start address	20	**End address**	37	**Organization block**	0
Process image	0				

Lokaverkefni_02_11_19 / PLC_1 [CPU 1515-2 PN] / Local modules

AI 8xU/I/RTD/TC ST_1

AI 8xU/I/RTD/TC ST_1					
General\Project information					
Name	AI 8xU/I/RTD/TC ST_1	**Author**	arnthort	**Comment**	
Rack	0	**Slot**	6		
General\Catalog information					
Short designation	AI 8xU/I/RTD/TC ST	**Description**	Analog input module AI8 x U/I/RTD/TC 16-bit; grouping 8; 4 channels with RTD measurement; common mode voltage 10 V; configurable diagnostics; hardware interrupts	**Article number**	6ES7 531-7KF00-0AB0
Firmware version	V2.2				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2019-11-06 08:24:02.004
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Module parameters\AI configuration\Configuration of submodules					
Module distribution	None				
Module parameters\AI configuration\Value status (Quality Information)					
Value status	False				
Module parameters\AI configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 7\General					
Name	AI 8xU/I/RTD/TC ST_1	**Comment**			
Input 0 - 7\Inputs\Channel 0					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 0\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 0\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49272	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne0**	UpperLimitOne0	**Channel number**	0
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49288	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne0**	LowerLimitOne0	**Channel number**	0
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49264	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo0**	UpperLimitTwo0	**Channel number**	0
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49280	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo0**	LowerLimitTwo0	**Channel number**	0
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 1					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 1\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False

Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 1\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49273	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne1**	UpperLimitOne1	**Channel number**	1
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49289	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne1**	LowerLimitOne1	**Channel number**	1
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49265	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo1**	UpperLimitTwo1	**Channel number**	1
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49281	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo1**	LowerLimitTwo1	**Channel number**	1
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 2					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 2\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 2\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49274	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne2**	UpperLimitOne2	**Channel number**	2
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49290	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne2**	LowerLimitOne2	**Channel number**	2
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49266	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo2**	UpperLimitTwo2	**Channel number**	2
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49282	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo2**	LowerLimitTwo2	**Channel number**	2
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 3					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 3\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 3\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	

Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49275	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne3**	UpperLimitOne3	**Channel number**	3
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49291	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne3**	LowerLimitOne3	**Channel number**	3
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49267	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo3**	UpperLimitTwo3	**Channel number**	3
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49283	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo3**	LowerLimitTwo3	**Channel number**	3
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 4					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 4\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 4\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49276	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne4**	UpperLimitOne4	**Channel number**	4
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49292	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne4**	LowerLimitOne4	**Channel number**	4
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49268	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo4**	UpperLimitTwo4	**Channel number**	4
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49284	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo4**	LowerLimitTwo4	**Channel number**	4
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 5					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 5\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 5\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					

Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49277	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne5**	UpperLimitOne5	**Channel number**	5
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49293	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne5**	LowerLimitOne5	**Channel number**	5
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49269	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo5**	UpperLimitTwo5	**Channel number**	5
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49285	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo5**	LowerLimitTwo5	**Channel number**	5
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 6					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 6\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 6\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49278	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne6**	UpperLimitOne6	**Channel number**	6
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49294	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne6**	LowerLimitOne6	**Channel number**	6
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49270	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo6**	UpperLimitTwo6	**Channel number**	6
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49286	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo6**	LowerLimitTwo6	**Channel number**	6
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 7					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 7\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 7\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49279	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne7**	UpperLimitOne7	**Channel number**	7
HwEventTypeLimit1Overrun	4				

Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49295	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne7**	LowerLimitOne7	**Channel number**	7
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49271	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo7**	UpperLimitTwo7	**Channel number**	7
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49287	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo7**	LowerLimitTwo7	**Channel number**	7
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel reference temperature\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Wire break	False				
Input 0 - 7\Inputs\Channel reference temperature\Measure					
Measurement type	Deactivated	**Measuring range**		**Temperature coefficient**	
Interference frequency suppression		**Smoothing**			
Input 0 - 7\I/O addresses\Input addresses					
Start address	4	**End address**	19	**Organization block**	0
Process image	0				

Lokaverkefni_02_11_19

HMI_1 [KTP700 Basic PN]

HMI_1	
General	
Name	HMI_1

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN]

Runtime settings

General

Start screen	Stjórn dælu	**Default template**		**Default style of the project**	Enabled
Style of the HMI device	WinCC Dark V 1.0.1	**Adapt font size to style**	Enabled	**Screen resolution**	800, 480
Project ID	0	**Logging language**	Startup language		

Services

Sm@rtAccess or service: start Sm@rtServer	Disabled

Screens

Bit selection for text and graphic lists	Off	**User-defined pictogram size**	Disabled	**X,Y:**	72, 51
Scrolling mode	Scroll bar				

Keyboard

Use screen keyboard	Enabled	**Release button on exit**	Disabled	**Disable dialog window function keys**	Disabled

Alarms

Controller alarms

Buffer overflow	10 %	**Acknowledgment group text**	QGR	**Use alarm class color**	Disabled
Use help texts for system diagnostics	Enabled	**System event duration**	2 Seconds	**PersistentAlarmBuffer**	Enabled
Connection	HMI_Connection_1				

User administration

Enable limit for logon attempts	Enabled	**Invalid logon attempts**	3	**Logon with password**	Disabled
Group-specific rights	Disabled	**Password aging**	Disabled	**Validity period**	90
Warning period	7	**Password generations**	3	**At least one special character**	Disabled
At least one number	Disabled	**Minimum password length**	3		

Language & font

Preset runtime language	English (United States)

English (United States)

Runtime language	Enabled	**Fixed font 1**	Tahoma	**Default font**	Tahoma, 11 Pixel
Configured font 1					

Tag settings

Replace the separators on each sub-level of the path of the PLC tag:	Enabled	**Compatibility mode: Set '_' between the PLC tags and the first-level element.**	Disabled	**Replace the '.' character if the name of the HMI tag is created from the PLC tag name**	Enabled
Use '_' as the replacement character	Enabled	**Use ';' as the replacement character**	Disabled	**Replace the characters '[' and ']' if the name of the HMI tag is created from the PLC tag name**	Enabled
Use '{' and '}' as replacement characters	Enabled	**Use '(' and ')' as replacement characters**	Disabled		

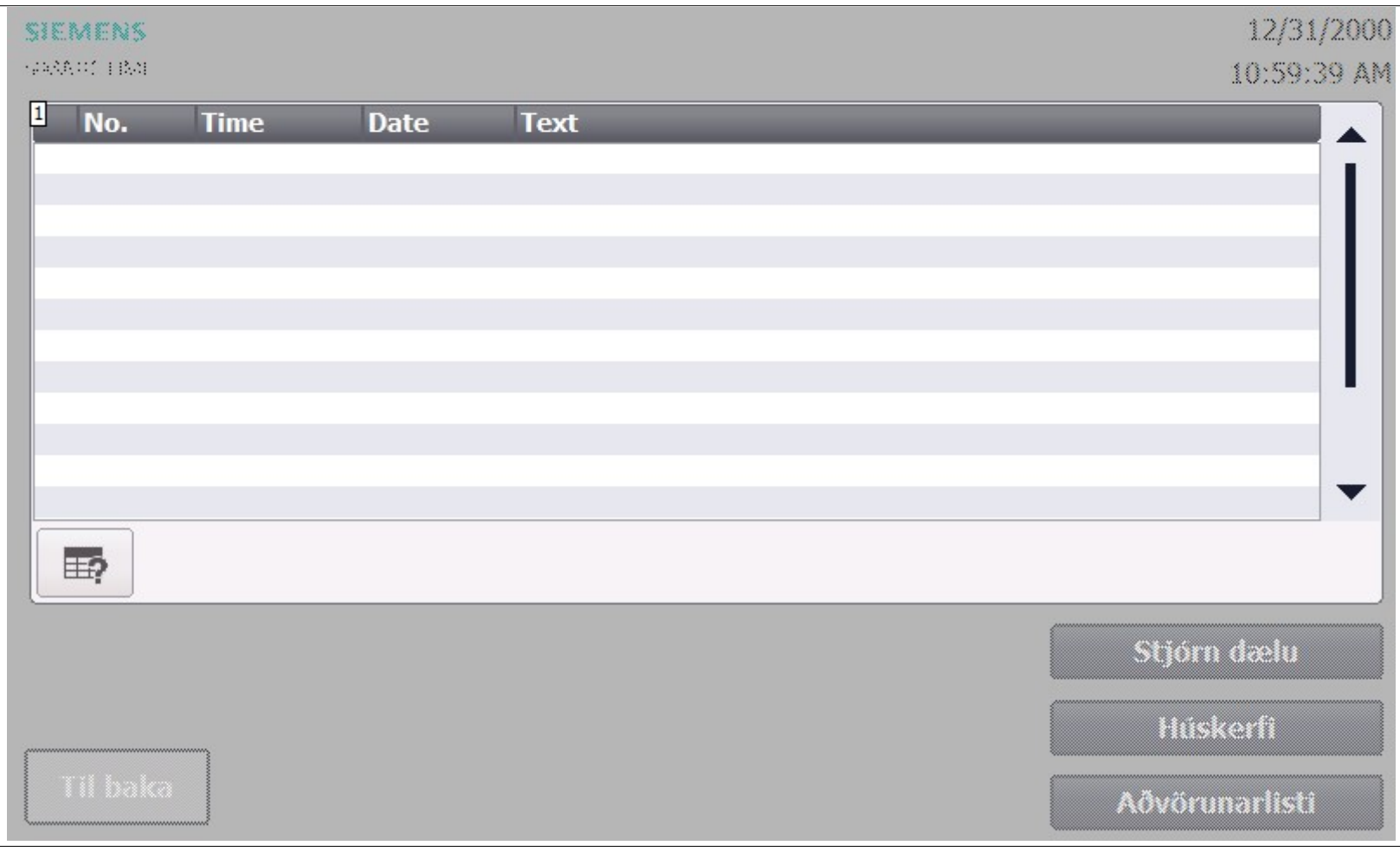
Settings for the prefix 'PLC' in the HMI tag name

Connection	HMI_Connection_1	**PLC name as prefix in the HMI tag name**	Disabled

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / Screens

Aðvörunarlisti

Hardcopy of Aðvörunarlisti



General					
Name	Aðvörunarlisti	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	4	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Dynamizations\Event	
Event name	Loaded

Function list\SetTag

Tag	Tag_ScreenNumber	**Value**	4

Alarm view_1

Type	Alarm view				
General					
Alarm classes	Errors, Warnings, System	**Source of alarms**	Alarms	**Pending alarms**	Enabled

Unacknowledged alarms	Enabled	**Alarm log**			
Appearance					
Background color of table	255, 255, 255	**Alternative color**	231, 231, 239	**Foreground color of table**	24, 28, 49
Foreground color of selection	255, 255, 255	**Background color of selection**	148, 182, 231	**Background color**	247, 243, 247
Focus color	148, 182, 231	**Header foreground color**	255, 255, 255	**Header background color**	132, 134, 140
Color of the grid lines	255, 255, 255				
Border					
Width (border)	1	**Style (border)**	Solid	**Foreground color (border)**	107, 113, 123
Background color (border)	99, 105, 115	**Corner radius (border)**	4		
Layout					
X position	13	**Y position**	54	**Width**	780
Height	290	**Fit object to contents**	Disabled	**Lines per alarms**	1
Visible alarms	1				
Display					
Vertical scrolling	Enabled	**Horizontal scrolling**	Disabled	**Horizontal grid lines**	Disabled
Focus width	2				
Text format					
Table font	Tahoma, 15px	**Table header font**	Tahoma, 15px, style=Bold		
Toolbar					
"Info text" button	Enabled	**Acknowledge button**	Disabled	**Loop-In-Alarm button**	Disabled
Toolbar style	Buttons				
Button border					
Width (button border)	1	**Style (button border)**	Solid	**Foreground color (button border)**	156, 154, 165
Background color (button border)	99, 101, 115	**Corner radius (button border)**	3		
Button fill pattern					
Fill pattern (button fill pattern)	Vertical gradient	**Background color (button fill pattern)**	239, 235, 239	**Background color gradient (button fill pattern)**	239, 235, 239
Gradient 1 (button fill pattern)	Enabled	**Color gradient 1 (button fill pattern)**	247, 247, 247	**Offset gradient 1 (button fill pattern)**	15
Gradient 2 (button fill pattern)	Enabled	**Color gradient 2 (button fill pattern)**	231, 223, 222	**Offset gradient 2 (button fill pattern)**	15
Columns					
Columns	Alarm number, Time, Alarm text, Date, Alarm class	**Column headers**	Enabled	**Time in milliseconds**	Disabled
Time sorting order	Descending				
Column headers					
Alarm number	Default value	**Time**	Default value	**Alarm status**	Default value
Alarm text	Default value	**Alarm class**	Default value	**Date**	Default value
Acknowledgment group	Default value	**Diagnosable**	Default value	**PLC (error location)**	Default value
Table header border					
Width (table header border)	1	**Style (table header border)**	Solid	**Color (table header border)**	99, 97, 107
Background color (table header border)	99, 97, 107	**Corner radius (table header border)**	2		
Table header fill pattern					
Fill pattern (table header fill pattern)	Vertical gradient	**Background color gradient (table header fill pattern)**	132, 134, 140	**Gradient 1 (table header fill pattern)**	Disabled
Color gradient 1 (table header fill pattern)	123, 130, 140	**Offset gradient 1 (table header fill pattern)**	15	**Gradient 2 (table header fill pattern)**	Enabled
Color gradient 2 (table header fill pattern)	90, 89, 99	**Offset gradient 2 (table header fill pattern)**	15		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Alarm view_1	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Data type	Range				

Dynamizations\Event	
Event name	Activate

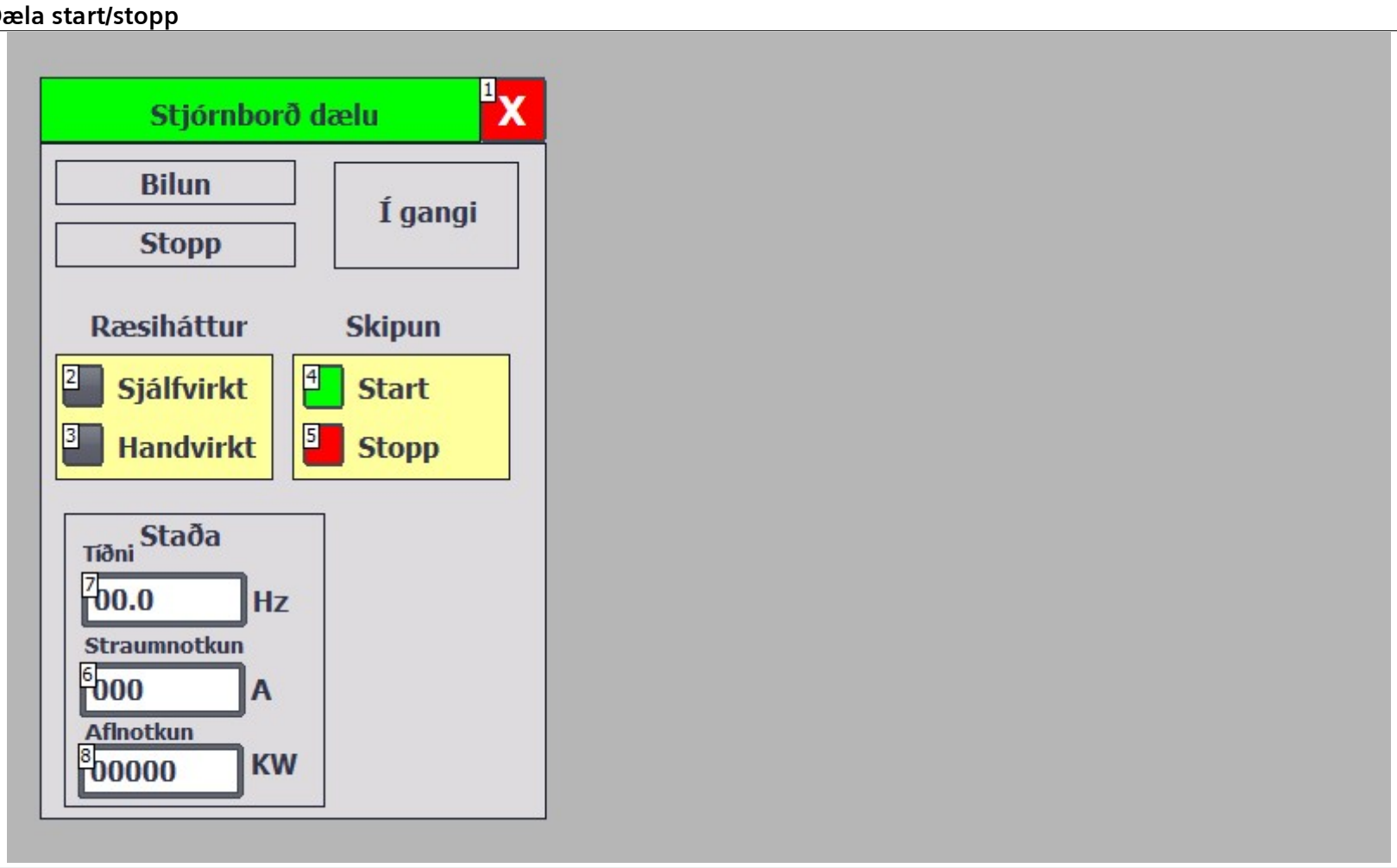
Function list\ShowAlarmWindow

Object name	Alarm window_Unacknowledged	**Display mode**	Toggle

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / Screens

Dæla start/stopp

Hardcopy of Dæla start/stopp



General					
Name	Dæla start/stopp	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	1	**Template**		**Tooltip**	
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Button_1

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	X
Text ON	Text	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	255, 0, 0	**Background fill pattern**	Solid	**Corner radius (border)**	3

Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	273	**Y position**	26	**Width**	39
Height	38	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 23px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Button_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Click

Function list\ActivatePreviousScreen

Rectangle_1

Type	Rectangle				
Appearance					
Background color	0, 255, 0	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	19	**Y position**	26	**Width**	255
Height	38	**Round corner width**	0	**Round corner height**	0
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Rectangle_1	**Layer**	0 - Layer_0		

Text field_1

Type	Text field				
General					
Text	Stjórnborð dælu				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	80	**Y position**	36	**Width**	137
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_1	**Layer**	0 - Layer_0		

Rectangle_2

Type	Rectangle

Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	19	**Y position**	64	**Width**	293
Height	391	**Round corner width**	0	**Round corner height**	0
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Rectangle_2	**Layer**	0 - Layer_0		

Button_2

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	
Text ON		**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	32	**Y position**	192	**Width**	24
Height	25	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Button_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Click

Function list\InvertBit

Tag	Ræsing dælu sjálfvirkt

Dynamizations\Appearance					
Tag - Cycle	Ræsing dælu sjálfvirkt -	**Data type**	Range	**Range**	0..0
Foreground color	255, 255, 255	**Background color**	99, 101, 113	**Flashing**	No
Range	1..1	**Foreground color**	255, 255, 255	**Background color**	0, 255, 0
Flashing	No				

Rectangle_3

Type	Rectangle				
Appearance					
Background color	255, 255, 156	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	28	**Y position**	186	**Width**	126
Height	73	**Round corner width**	0	**Round corner height**	0
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Rectangle_3	**Layer**	0 - Layer_0		

Text field_2

Type	Text field				
General					
Text	Ræsiháttur				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	45	**Y position**	158	**Width**	96
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_2	**Layer**	0 - Layer_0		

Button_3

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	
Text ON		**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	32	**Y position**	226	**Width**	24
Height	25	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Button_3	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Click

Function list\InvertBit

Tag	Ræsing dælu handvirkt

Dynamizations\Appearance					
Tag - Cycle	Ræsing dælu handvirkt -	**Data type**	Range	**Range**	0..0
Foreground color	255, 255, 255	**Background color**	99, 101, 113	**Flashing**	No
Range	1..1	**Foreground color**	255, 255, 255	**Background color**	0, 255, 0
Flashing	No				

Text field_3

Type	Text field				
General					
Text	Sjálfvirkt				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	61	**Y position**	194	**Width**	80
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_3	**Layer**	0 - Layer_0		

Text field_4

Type	Text field				
General					
Text	Handvirkt				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	61	**Y position**	228	**Width**	85
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_4	**Layer**	0 - Layer_0		

Rectangle_4

Type	Rectangle				
Appearance					
Background color	255, 255, 156	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	165	**Y position**	186	**Width**	126
Height	73	**Round corner width**	0	**Round corner height**	0
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Rectangle_4	**Layer**	0 - Layer_0		

Text field_5

Type	Text field				
General					
Text	Skipun				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	193	**Y position**	158	**Width**	60
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				

Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_5	**Layer**	0 - Layer_0		

Button_4

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	
Text ON		**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	0, 255, 0	**Background fill pattern**	Solid	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	171	**Y position**	192	**Width**	24
Height	26	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Button_4	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Click

Function list\InvertBit

Tag	Skjámynd - Start

Function list\ResetBit

Tag	Skjámynd - Stopp

Button_5

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	
Text ON		**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	255, 0, 0	**Background fill pattern**	Solid	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	171	**Y position**	226	**Width**	24

Height	25	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Button_5	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Click

Function list\InvertBit

Tag	Skjámynd - Stopp

Function list\ResetBit

Tag	Skjámynd - Start

Function list\ResetBit

Tag	Ræsing dælu handvirkt

Function list\ResetBit

Tag	Ræsing dælu sjálfvirkt

Text field_6

Type	Text field				
General					
Text	Start				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	200	**Y position**	194	**Width**	46
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_6	**Layer**	0 - Layer_0		

Text field_7

Type	Text field				
General					
Text	Stopp				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	200	**Y position**	228	**Width**	52
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				

Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_7	**Layer**	0 - Layer_0		

Rectangle_5

Type	Rectangle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	28	**Y position**	74	**Width**	139
Height	26	**Round corner width**	0	**Round corner height**	0
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Rectangle_5	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Tag - Cycle	Skjámynd - Bilun mótor -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	222, 219, 222	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	255, 0, 0
Flashing	No				

Text field_8

Type	Text field				
General					
Text	Bilun				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	74	**Y position**	76	**Width**	46
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_8	**Layer**	0 - Layer_0		

Rectangle_6

Type	Rectangle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	28	**Y position**	110	**Width**	139
Height	26	**Round corner width**	0	**Round corner height**	0
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Rectangle_6	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Tag - Cycle	Mótor -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	255, 0, 0	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	217, 217, 217
Flashing	No				

Text field_9

Type	Text field				
General					
Text	Stopp				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	74	**Y position**	110	**Width**	52
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled

Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_9	**Layer**	0 - Layer_0		

Rectangle_7

Type	Rectangle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	189	**Y position**	75	**Width**	107
Height	62	**Round corner width**	0	**Round corner height**	0
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Rectangle_7	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Tag - Cycle	Mótor -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	217, 217, 217	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	0, 255, 0
Flashing	No				

Text field_10

Type	Text field				
General					
Text	Í gangi				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	212	**Y position**	92	**Width**	62
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_10	**Layer**	0 - Layer_0		

Rectangle_8

Type	Rectangle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	33	**Y position**	278	**Width**	151
Height	170	**Round corner width**	0	**Round corner height**	0
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Rectangle_8	**Layer**	0 - Layer_0		

Text field_11

Type	Text field				
General					
Text	Staða				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	74	**Y position**	279	**Width**	52
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled

Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_11	**Layer**	0 - Layer_0		

Text field_12

Type	Text field				
General					
Text	Tíðni				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	41	**Y position**	291	**Width**	34
Height	20	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_12	**Layer**	0 - Layer_0		

Text field_13

Type	Text field				
General					
Text	Straumnotkun				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	42	**Y position**	344	**Width**	97
Height	20	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_13	**Layer**	0 - Layer_0		

Text field_14

Type	Text field				
General					
Text	Aflnotkun				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	42	**Y position**	394	**Width**	68
Height	20	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_14	**Layer**	0 - Layer_0		

I/O field_1

Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	3	**Show leading zeros**	Disabled
Format pattern	999				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	42	**Y position**	364	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Raungildi - Straumtaka mótors		

I/O field_2

Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	4	**Show leading zeros**	Disabled
Format pattern	99.9				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	43	**Y position**	312	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Skjámynd - tíðni		

Text field_18

Type	Text field				
General					
Text	Hz				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	139	**Y position**	317	**Width**	26
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left

Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_18	**Layer**	0 - Layer_0		

Text field_19

Type	Text field				
General					
Text	A				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	138	**Y position**	368	**Width**	17
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_19	**Layer**	0 - Layer_0		

Text field_20

Type	Text field				
General					
Text	KW				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	138	**Y position**	411	**Width**	32
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_20	**Layer**	0 - Layer_0		

I/O field_4

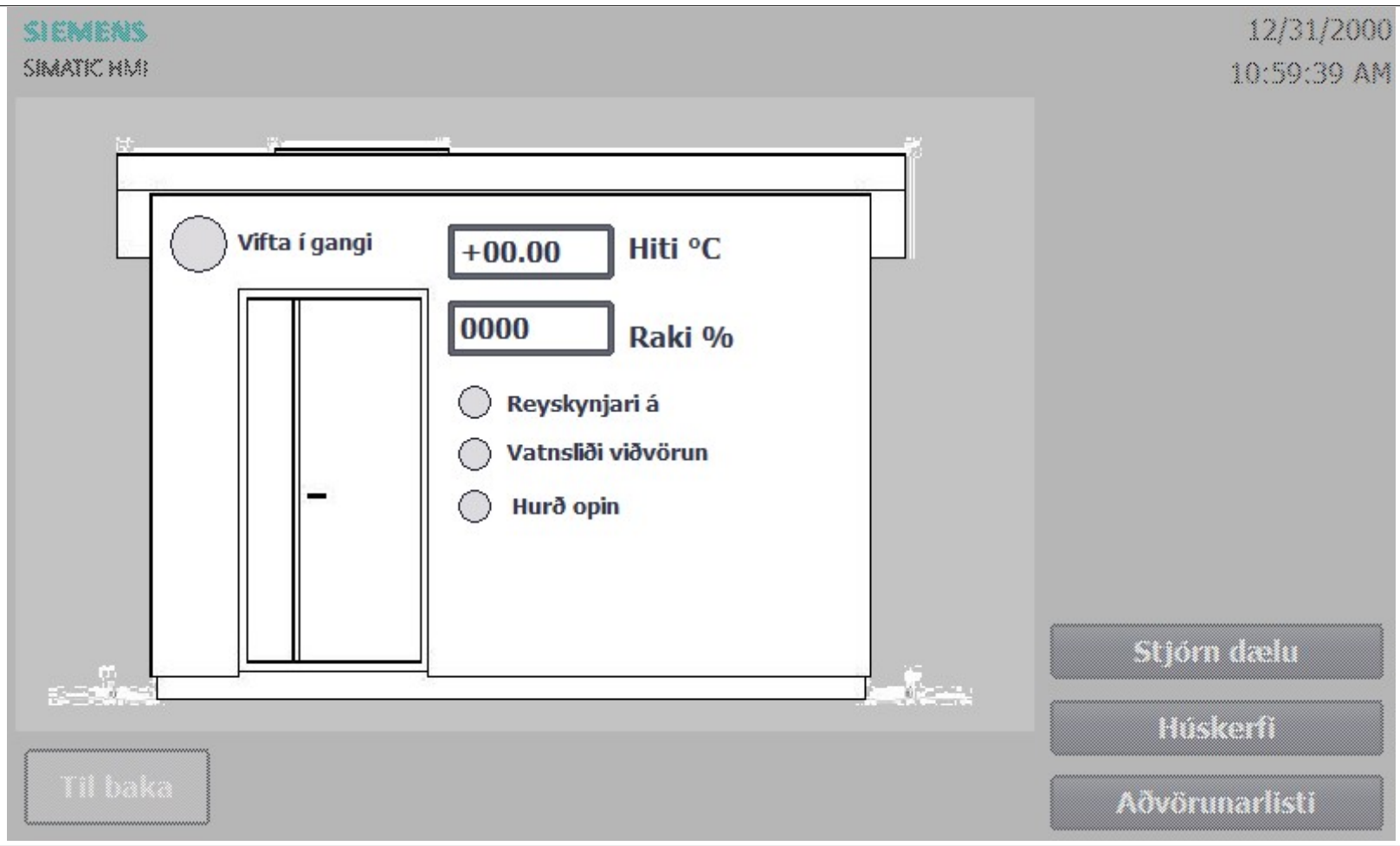
Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	5	**Show leading zeros**	Disabled
Format pattern	99999				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	41	**Y position**	411	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			

Miscellaneous					
Name	I/O field_4	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Skjámynd - Aflnotkun dælu		

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / Screens

Húskerfi

Hardcopy of Húskerfi



General					
Name	Húskerfi	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	3	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Dynamizations\Event	
Event name	Loaded

Function list\SetTag

Tag	Tag_ScreenNumber	**Value**	3

Graphic view_1

Type	Graphic view
General	
Graphic	húsið_1

Appearance					
Background color	173, 174, 181	**Background fill pattern**	Solid	**Border width**	0
Line style	Solid	**Border color**	0, 0, 0		
Layout					
X position	5	**Y position**	52	**Width**	587
Height	365	**Fit embedded graphic object to screen size**	Fit graphic to object size	**Fit graphic to size**	Stretch graphic
Fit object to contents	Disabled				
Miscellaneous					
Name	Graphic view_1	**Layer**	0 - Layer_0		

I/O field_1

Type	I/O field				
General					
Process value		**Mode**	Output	**Display format**	Decimal
Shift decimal point	0	**Field length**	5	**Show leading zeros**	Disabled
Format pattern	s99.99				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	254	**Y position**	125	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Raungildi - Hiti í dæluhúsi		

Text field_1

Type	Text field				
General					
Text	Hiti °C				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	355	**Y position**	127	**Width**	58
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_1	**Layer**	0 - Layer_0		

Text field_2

Type	Text field				
General					
Text	Raki %				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	355	**Y position**	178	**Width**	66
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled

Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_2	**Layer**	0 - Layer_0		

Circle_1

Type	Circle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	260	**Y position**	218	**Width**	19
Height	19	**Radius**	9		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Circle_1	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Tag - Cycle	Bruni -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	217, 217, 217	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	255, 0, 0
Flashing	No				

Circle_2

Type	Circle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	260	**Y position**	248	**Width**	19
Height	19	**Radius**	9		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Circle_2	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Tag - Cycle	Vatnsviðvörun -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	217, 217, 217	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	255, 0, 0
Flashing	No				

Circle_3

Type	Circle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	260	**Y position**	278	**Width**	19
Height	19	**Radius**	9		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Circle_3	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Tag - Cycle	Hurð opin -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	217, 217, 217	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	255, 0, 0
Flashing	No				

Text field_3

Type	Text field				
General					
Text	Reyskynjari á				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	285	**Y position**	218	**Width**	93
Height	20	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled

Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_3	**Layer**	0 - Layer_0		

Text field_4

Type	Text field				
General					
Text	Vatnsliði viðvörun				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	285	**Y position**	246	**Width**	121
Height	20	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_4	**Layer**	0 - Layer_0		

Text field_5

Type	Text field				
General					
Text	Hurð opin				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	288	**Y position**	277	**Width**	67
Height	20	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_5	**Layer**	0 - Layer_0		

Circle_4

Type	Circle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	94	**Y position**	120	**Width**	33
Height	33	**Radius**	16		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Circle_4	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Tag - Cycle	Vifta -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	217, 217, 217	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	0, 255, 0
Flashing	No				

Text field_6

Type	Text field
General	
Text	Vifta í gangi

Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	130	**Y position**	125	**Width**	82
Height	20	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_6	**Layer**	0 - Layer_0		

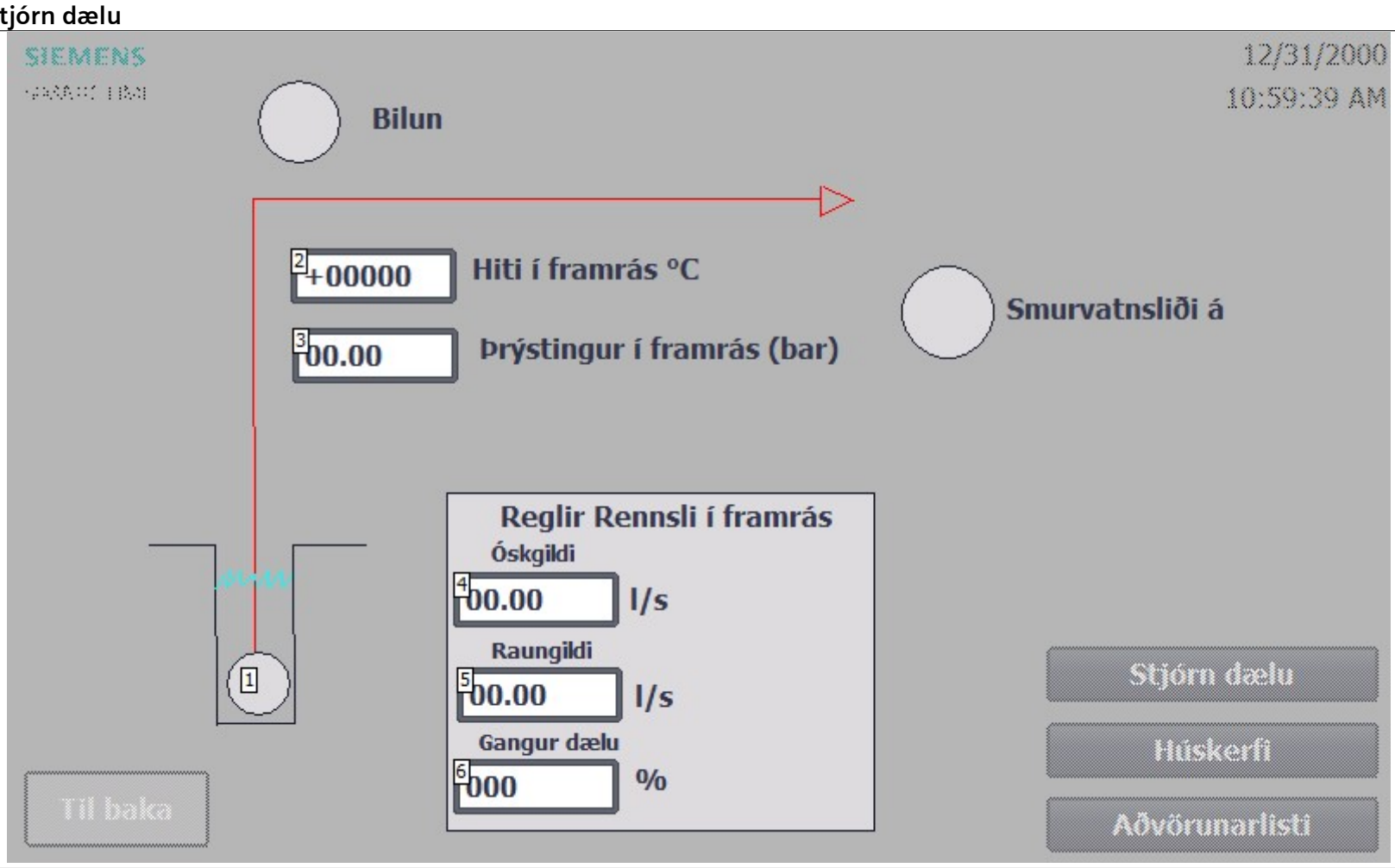
I/O field_2

Type	I/O field				
General					
Process value		**Mode**	Output	**Display format**	Decimal
Shift decimal point	0	**Field length**	4	**Show leading zeros**	Disabled
Format pattern	9999				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	254	**Y position**	169	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Raungildi raki í dæluhúsi		

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / Screens

Stjórn dælu

Hardcopy of Stjórn dælu



General					
Name	Stjórn dælu	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Number	2	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

Dynamizations\Event	
Event name	Loaded

Function list\SetTag

Tag	Tag_ScreenNumber	**Value**	2

Line_1

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	24, 28, 49

Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	119	**Y position**	295	**Width**	2
Height	105	**Line start X position**	121	**Line start Y position**	400
Line end X position	119	**Line end Y position**	295		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_1	**Layer**	0 - Layer_0		

Line_2

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	24, 28, 49
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	80	**Y position**	296	**Width**	40
Height	0	**Line start X position**	120	**Line start Y position**	296
Line end X position	80	**Line end Y position**	296		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_2	**Layer**	0 - Layer_0		

Line_3

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	24, 28, 49
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	122	**Y position**	399	**Width**	45
Height	0	**Line start X position**	122	**Line start Y position**	399
Line end X position	167	**Line end Y position**	399		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_3	**Layer**	0 - Layer_0		

Line_4

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	24, 28, 49
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	165	**Y position**	295	**Width**	1
Height	104	**Line start X position**	166	**Line start Y position**	399
Line end X position	165	**Line end Y position**	295		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_4	**Layer**	0 - Layer_0		

Line_5

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	24, 28, 49
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	165	**Y position**	296	**Width**	44
Height	0	**Line start X position**	165	**Line start Y position**	296
Line end X position	209	**Line end Y position**	296		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_5	**Layer**	0 - Layer_0		

Line_6

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	0, 255, 255
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	120	**Y position**	311	**Width**	8

Height	10	**Line start X position**	120	**Line start Y position**	321
Line end X position	128	**Line end Y position**	311		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_6	**Layer**	0 - Layer_0		

Line_7

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	0, 255, 255
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	127	**Y position**	311	**Width**	1
Height	11	**Line start X position**	128	**Line start Y position**	311
Line end X position	127	**Line end Y position**	322		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_7	**Layer**	0 - Layer_0		

Line_8

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	0, 255, 255
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	127	**Y position**	311	**Width**	8
Height	9	**Line start X position**	127	**Line start Y position**	320
Line end X position	135	**Line end Y position**	311		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_8	**Layer**	0 - Layer_0		

Line_9

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	0, 255, 255
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	135	**Y position**	311	**Width**	0
Height	9	**Line start X position**	135	**Line start Y position**	311
Line end X position	135	**Line end Y position**	320		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_9	**Layer**	0 - Layer_0		

Line_10

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	0, 255, 255
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	136	**Y position**	311	**Width**	9
Height	8	**Line start X position**	136	**Line start Y position**	319
Line end X position	145	**Line end Y position**	311		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_10	**Layer**	0 - Layer_0		

Line_11

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	0, 255, 255
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	142	**Y position**	312	**Width**	1
Height	8	**Line start X position**	142	**Line start Y position**	320
Line end X position	143	**Line end Y position**	312		

Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_11	**Layer**	0 - Layer_0		

Line_12

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	0, 255, 255
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	144	**Y position**	311	**Width**	8
Height	9	**Line start X position**	144	**Line start Y position**	320
Line end X position	152	**Line end Y position**	311		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_12	**Layer**	0 - Layer_0		

Line_13

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	0, 255, 255
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	150	**Y position**	311	**Width**	1
Height	10	**Line start X position**	151	**Line start Y position**	311
Line end X position	150	**Line end Y position**	321		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_13	**Layer**	0 - Layer_0		

Line_14

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	0, 255, 255
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	151	**Y position**	310	**Width**	8
Height	11	**Line start X position**	151	**Line start Y position**	321
Line end X position	159	**Line end Y position**	310		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_14	**Layer**	0 - Layer_0		

Line_15

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	0, 255, 255
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	159	**Y position**	311	**Width**	0
Height	10	**Line start X position**	159	**Line start Y position**	311
Line end X position	159	**Line end Y position**	321		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_15	**Layer**	0 - Layer_0		

Line_16

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	0, 255, 255
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	159	**Y position**	311	**Width**	7
Height	10	**Line start X position**	159	**Line start Y position**	321
Line end X position	166	**Line end Y position**	311		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			

Miscellaneous					
Name	Line_16	**Layer**	0 - Layer_0		

Button_1

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	
Text ON		**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	0	**Line style**	Solid
Border color	198, 195, 198	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	135	**Y position**	367	**Width**	23
Height	19	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Button_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Click

Function list\ActivateScreen

Screen name	Dæla start/stopp	**Object number**	0

Circle_1

Type	Circle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	127	**Y position**	358	**Width**	37
Height	37	**Radius**	18		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Circle_1	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Tag - Cycle	Mótor -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	217, 217, 217	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	0, 255, 0
Flashing	No				

Line_17

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	255, 0, 0
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	142	**Y position**	95	**Width**	1
Height	263	**Line start X position**	143	**Line start Y position**	358

Line end X position	142	**Line end Y position**	95
Styles/Designs			
Use style/design	Disabled	**Style item appear-ance**	
Miscellaneous			
Name	Line_17	**Layer**	0 - Layer_0

Line_18

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	255, 0, 0
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	142	**Y position**	96	**Width**	329
Height	0	**Line start X position**	142	**Line start Y position**	96
Line end X position	471	**Line end Y position**	96		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_18	**Layer**	0 - Layer_0		

Line_19

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	255, 0, 0
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	470	**Y position**	87	**Width**	0
Height	9	**Line start X position**	470	**Line start Y position**	96
Line end X position	470	**Line end Y position**	87		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_19	**Layer**	0 - Layer_0		

Line_20

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	255, 0, 0
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	470	**Y position**	96	**Width**	0
Height	11	**Line start X position**	470	**Line start Y position**	96
Line end X position	470	**Line end Y position**	107		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_20	**Layer**	0 - Layer_0		

Line_21

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	255, 0, 0
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	470	**Y position**	96	**Width**	19
Height	10	**Line start X position**	470	**Line start Y position**	106
Line end X position	489	**Line end Y position**	96		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			
Miscellaneous					
Name	Line_21	**Layer**	0 - Layer_0		

Line_22

Type	Line				
Appearance					
Line width	1	**Line style**	Solid	**Color**	255, 0, 0
Background color	255, 255, 255	**Fill pattern**	Transparent	**Line-start style**	Default
Line-end style	Default	**Line-end shape**	Flush		
Layout					
X position	470	**Y position**	88	**Width**	19
Height	9	**Line start X position**	489	**Line start Y position**	97
Line end X position	470	**Line end Y position**	88		
Styles/Designs					
Use style/design	Disabled	**Style item appear-ance**			

Miscellaneous					
Name	Line_22	**Layer**	0 - Layer_0		

I/O field_2

Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	5	**Show leading zeros**	Disabled
Format pattern	s99999				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	164	**Y position**	125	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Raungildi - Hiti í framrás		

I/O field_3

Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	5	**Show leading zeros**	Disabled
Format pattern	99.99				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	165	**Y position**	171	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_3	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Raungildi - Þrýstingur í framrás		

Text field_2

Type	Text field				
General					
Text	Hiti í framrás °C				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	266	**Y position**	125	**Width**	136
Height	23	**Left margin**	3	**Top margin**	2

Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_2	**Layer**	0 - Layer_0		

Text field_3

Type	Text field				
General					
Text	Þrýstingur í framrás (bar)				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	270	**Y position**	171	**Width**	213
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_3	**Layer**	0 - Layer_0		

Rectangle_1

Type	Rectangle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	254	**Y position**	266	**Width**	248
Height	196	**Round corner width**	0	**Round corner height**	0
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Rectangle_1	**Layer**	0 - Layer_0		

I/O field_4

Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	5	**Show leading zeros**	Disabled
Format pattern	99.99				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	258	**Y position**	312	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_4	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Stilligildi - Rennsli í framrás		

I/O field_5

Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	5	**Show leading zeros**	Disabled
Format pattern	99.99				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	260	**Y position**	367	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_5	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Raungildi - Rennsli í framrás		

I/O field_6

Type	I/O field				
General					
Process value		**Mode**	Input/output	**Display format**	Decimal
Shift decimal point	0	**Field length**	3	**Show leading zeros**	Disabled
Format pattern	999				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	258	**Y position**	420	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_6	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Tíðni PID		

Text field_4

Type	Text field				
General					
Text	Óskgildi				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	277	**Y position**	291	**Width**	53
Height	20	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left

Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_4	**Layer**	0 - Layer_0		

Text field_5

Type	Text field				
General					
Text	Raungildi				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	277	**Y position**	347	**Width**	63
Height	20	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_5	**Layer**	0 - Layer_0		

Text field_6

Type	Text field				
General					
Text	Gangur dælu				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	270	**Y position**	400	**Width**	86
Height	20	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_6	**Layer**	0 - Layer_0		

Text field_7

Type	Text field				
General					
Text	Reglir Rennsli í framrás				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	282	**Y position**	268	**Width**	197
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_7	**Layer**	0 - Layer_0		

Text field_8

Type	Text field				
General					
Text	l/s				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	357	**Y position**	316	**Width**	27
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_8	**Layer**	0 - Layer_0		

Text field_9

Type	Text field				
General					
Text	l/s				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	360	**Y position**	372	**Width**	27
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_9	**Layer**	0 - Layer_0		

Text field_10

Type	Text field				
General					
Text	%				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	360	**Y position**	420	**Width**	24
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_10	**Layer**	0 - Layer_0		

Circle_2

Type	Circle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	517	**Y position**	135	**Width**	54
Height	54	**Radius**	27		

Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Circle_2	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Tag - Cycle	Smurvatnsliði -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	222, 219, 222	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	0, 255, 0
Flashing	No				

Text field_1

Type	Text field				
General					
Text	Smurvatnsliði á				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	575	**Y position**	148	**Width**	131
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_1	**Layer**	0 - Layer_0		

Circle_3

Type	Circle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	145	**Y position**	28	**Width**	48
Height	48	**Radius**	24		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Circle_3	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Tag - Cycle	Skjámynd - Bilun mótor -	**Data type**	Range	**Range**	0..0
Foreground color	24, 28, 49	**Background color**	217, 217, 217	**Flashing**	No
Range	1..1	**Foreground color**	24, 28, 49	**Background color**	255, 0, 0
Flashing	No				

Text field_11

Type	Text field				
General					
Text	Bilun				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	208	**Y position**	38	**Width**	46
Height	23	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_11	**Layer**	0 - Layer_0		

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / Screen management / Templates

Template_1

Hardcopy of Template_1

General					
Name	Template_1	**Background color**	181, 182, 181	**Grid color**	0, 0, 0
Tab sequence in fore-ground	Enabled				
Layers					
Active layer	0				

Layer_0	Enabled
Layer_1	Enabled
Layer_2	Enabled
Layer_3	Enabled
Layer_4	Enabled
Layer_5	Enabled
Layer_6	Enabled
Layer_7	Enabled
Layer_8	Enabled
Layer_9	Enabled
Layer_10	Enabled
Layer_11	Enabled
Layer_12	Enabled
Layer_13	Enabled
Layer_14	Enabled
Layer_15	Enabled
Layer_16	Enabled
Layer_17	Enabled
Layer_18	Enabled
Layer_19	Enabled
Layer_20	Enabled
Layer_21	Enabled
Layer_22	Enabled
Layer_23	Enabled
Layer_24	Enabled
Layer_25	Enabled
Layer_26	Enabled
Layer_27	Enabled
Layer_28	Enabled
Layer_29	Enabled
Layer_30	Enabled
Layer_31	Enabled

HmiScreenItemData

Type	Date/time field				
General					
Display system time	Enabled	**Process value**		**Show date**	Disabled
Show time	Enabled	**Mode**	Output		
Appearance					
Foreground color	0, 0, 0	**Background color**	255, 255, 255	**Background fill pat-tern**	Transparent

Corner radius (border)	3	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	695	**Y position**	25	**Width**	105
Height	25	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px	**Orientation**	Horizontal	**Horizontal alignment**	Right
Vertical alignment	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

HmiScreenItemData_1

Type	Date/time field				
General					
Display system time	Enabled	**Process value**		**Show date**	Enabled
Show time	Disabled	**Mode**	Output		
Appearance					
Foreground color	0, 0, 0	**Background color**	255, 255, 255	**Background fill pattern**	Transparent
Corner radius (border)	3	**Border width**	0	**Line style**	Double line
Border color	156, 154, 165	**Border background color**	231, 227, 231		
Layout					
X position	695	**Y position**	0	**Width**	105
Height	25	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 16px	**Orientation**	Horizontal	**Horizontal alignment**	Right
Vertical alignment	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	HmiScreenItemData_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Logo

Type	Graphic view				
General					
Graphic	Logo of HMI_1				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Transparent	**Border width**	0
Line style	Solid	**Border color**	0, 0, 0		
Layout					
X position	0	**Y position**	0	**Width**	91
Height	51	**Fit embedded graphic object to screen size**	Fit graphic to object size	**Fit graphic to size**	Stretch graphic
Fit object to contents	Disabled				
Miscellaneous					
Name	Logo	**Layer**	0 - Layer_0		

Softkey_F1

Type	Function key				
General					
Key code	220	**Global assignment**	Enabled	**Graphic**	
Authorization		**LED tag**		**Bit in the LED tag**	0

Template_Button_1

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Stjórn dælu
Text ON	Stjórn dælu	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	132, 134, 140

Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	601	**Y position**	355	**Width**	192
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Template_Button_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Click

Function list\ActivateScreen

Screen name	Stjórn dælu	**Object number**	0

Template_Button_2

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Húskerfi
Text ON	Húskerfi	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	601	**Y position**	399	**Width**	192
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Template_Button_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Click

Function list\ActivateScreen

Screen name	Húskerfi	**Object number**	0

Template_Button_3

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Aðvörunarlisti
Text ON	Aðvörunarlisti	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	99, 101, 115	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	132, 134, 140
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	90, 89, 99
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	601	**Y position**	442	**Width**	192
Height	32	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Template_Button_3	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Click

Function list\ActivateScreen

Screen name	Aðvörunarlisti	**Object number**	0

Template_Button_4

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Til baka
Text ON	Text	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	99, 101, 115	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	2	**Line style**	Solid
Border color	66, 73, 82	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	198, 195, 198	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	198, 195, 198
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	198, 195, 198
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	10	**Y position**	427	**Width**	107
Height	44	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0

Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 16px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Template_Button_4	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

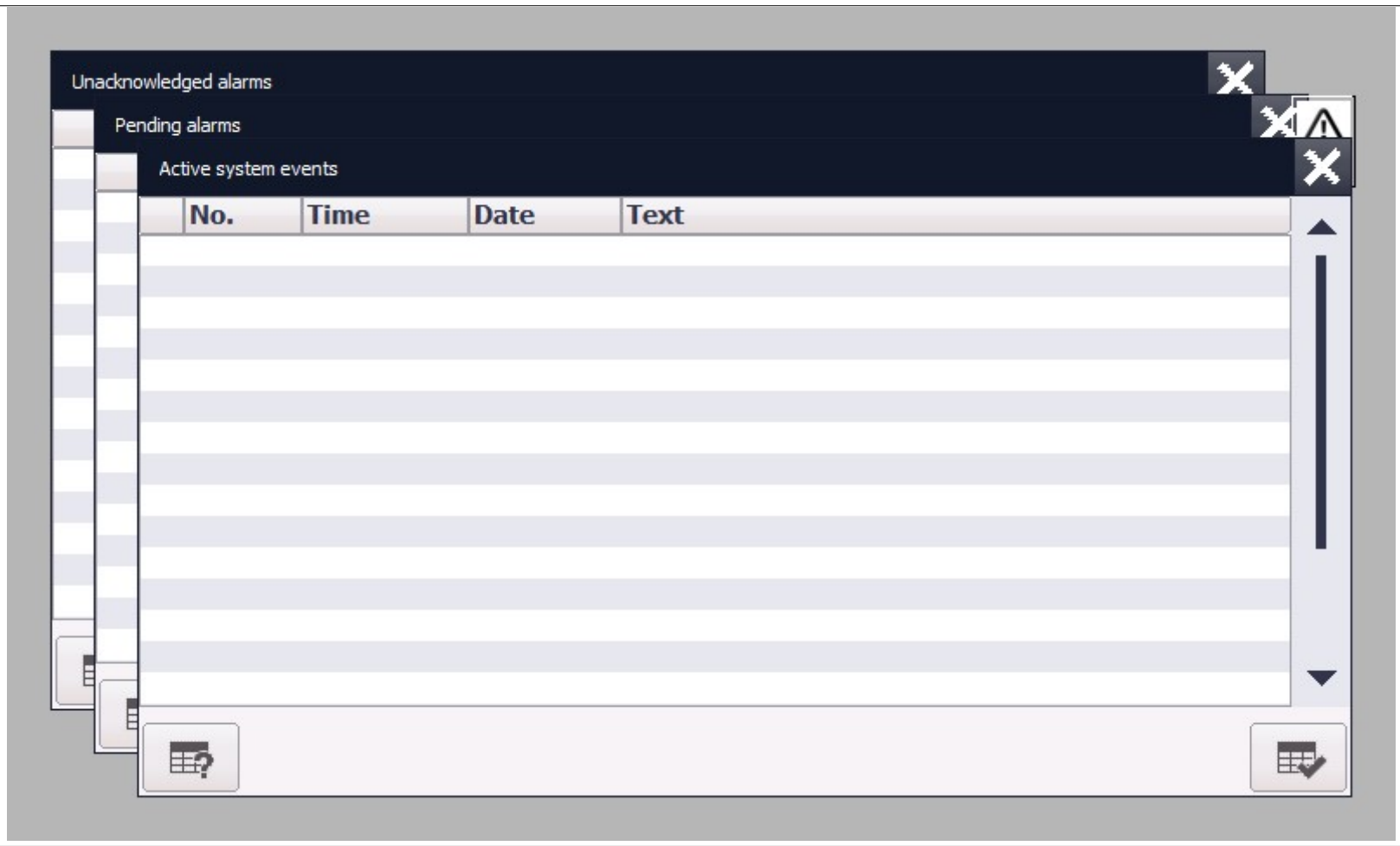
Dynamizations\Event	
Event name	Click

Function list\ActivatePreviousScreen

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / Screen management

Global screen

Hardcopy of Global screen



General					
Name	Global screen	**Background color**	181, 182, 181	**Grid color**	0, 0, 0

Alarm window_Unacknowledged

Type	Alarm window				
General					
Alarm classes	Errors	**Source of alarms**	Alarms	**Pending alarms**	Disabled
Unacknowledged alarms	Enabled				
Appearance					
Background color of table	255, 255, 255	**Alternative color**	231, 231, 239	**Foreground color of table**	49, 52, 74
Foreground color of selection	255, 255, 255	**Background color of selection**	148, 182, 231	**Background color**	247, 243, 247
Focus color	148, 182, 231	**Header foreground color**	49, 52, 74	**Header background color**	239, 235, 239
Color of the grid lines	255, 255, 255				
Layout					
X position	25	**Y position**	25	**Width**	700
Height	380	**Fit object to contents**	Disabled	**Lines per alarms**	1
Visible alarms	1				
Window					
Display automatically	Enabled	**Modal dialog**	Disabled	**Enabled**	Enabled
Title	Unacknowledged alarms	**Close button**	Enabled		
Display					
Vertical scrolling	Enabled	**Horizontal scrolling**	Disabled	**Horizontal grid lines**	Disabled
Focus width	2				
Text format					
Table font	Tahoma, 15px	**Table header font**	Tahoma, 15px, style=Bold		
Toolbar					
"Info text" button	Enabled	**Acknowledge button**	Enabled	**Loop-In-Alarm button**	Disabled
Toolbar style	Buttons				
Button border					
Width (button border)	1	**Style (button border)**	Solid	**Foreground color (button border)**	156, 154, 165
Background color (button border)	156, 154, 165	**Corner radius (button border)**	3		
Button fill pattern					
Fill pattern (button fill pattern)	Vertical gradient	**Background color (button fill pattern)**	239, 235, 239	**Background color gradient (button fill pattern)**	239, 235, 239
Gradient 1 (button fill pattern)	Enabled	**Color gradient 1 (button fill pattern)**	247, 247, 247	**Offset gradient 1 (button fill pattern)**	15
Gradient 2 (button fill pattern)	Enabled	**Color gradient 2 (button fill pattern)**	231, 223, 222	**Offset gradient 2 (button fill pattern)**	15
Columns					
Columns	Alarm number, Time, Alarm text, Date, Alarm class	**Column headers**	Enabled	**Time in milliseconds**	Disabled
Time sorting order	Descending				

Column headers					
Alarm number	Default value	**Time**	Default value	**Alarm status**	Default value
Alarm text	Default value	**Alarm class**	Default value	**Date**	Default value
Acknowledgment group	Default value	**Diagnosable**	Default value	**PLC (error location)**	Default value
Table header border					
Width (table header border)	1	**Style (table header border)**	Solid	**Color (table header border)**	156, 154, 165
Background color (table header border)	156, 154, 165	**Corner radius (table header border)**	2		
Table header fill pattern					
Fill pattern (table header fill pattern)	Vertical gradient	**Background color gradient (table header fill pattern)**	239, 235, 239	**Gradient 1 (table header fill pattern)**	Enabled
Color gradient 1 (table header fill pattern)	247, 247, 247	**Offset gradient 1 (table header fill pattern)**	15	**Gradient 2 (table header fill pattern)**	Enabled
Color gradient 2 (table header fill pattern)	231, 223, 222	**Offset gradient 2 (table header fill pattern)**	15		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Alarm window_Unacknowledged				

Alarm window_Pending

Type	Alarm window				
General					
Alarm classes	Errors	**Source of alarms**	Alarms	**Pending alarms**	Enabled
Unacknowledged alarms	Disabled				
Appearance					
Background color of table	255, 255, 255	**Alternative color**	231, 231, 239	**Foreground color of table**	49, 52, 74
Foreground color of selection	255, 255, 255	**Background color of selection**	148, 182, 231	**Background color**	247, 243, 247
Focus color	148, 182, 231	**Header foreground color**	49, 52, 74	**Header background color**	239, 235, 239
Color of the grid lines	255, 255, 255				
Layout					
X position	50	**Y position**	50	**Width**	700
Height	380	**Fit object to contents**	Disabled	**Lines per alarms**	1
Visible alarms	1				
Window					
Display automatically	Enabled	**Modal dialog**	Disabled	**Enabled**	Enabled
Title	Pending alarms	**Close button**	Enabled		
Display					
Vertical scrolling	Enabled	**Horizontal scrolling**	Disabled	**Horizontal grid lines**	Disabled
Focus width	2				
Text format					
Table font	Tahoma, 15px	**Table header font**	Tahoma, 15px, style=Bold		
Toolbar					
"Info text" button	Enabled	**Acknowledge button**	Enabled	**Loop-In-Alarm button**	Disabled
Toolbar style	Buttons				
Button border					
Width (button border)	1	**Style (button border)**	Solid	**Foreground color (button border)**	156, 154, 165
Background color (button border)	156, 154, 165	**Corner radius (button border)**	3		
Button fill pattern					
Fill pattern (button fill pattern)	Vertical gradient	**Background color (button fill pattern)**	239, 235, 239	**Background color gradient (button fill pattern)**	239, 235, 239
Gradient 1 (button fill pattern)	Enabled	**Color gradient 1 (button fill pattern)**	247, 247, 247	**Offset gradient 1 (button fill pattern)**	15
Gradient 2 (button fill pattern)	Enabled	**Color gradient 2 (button fill pattern)**	231, 223, 222	**Offset gradient 2 (button fill pattern)**	15
Columns					
Columns	Alarm number, Time, Alarm text, Date, Alarm class	**Column headers**	Enabled	**Time in milliseconds**	Disabled
Time sorting order	Descending				
Column headers					
Alarm number	Default value	**Time**	Default value	**Alarm status**	Default value
Alarm text	Default value	**Alarm class**	Default value	**Date**	Default value
Acknowledgment group	Default value	**Diagnosable**	Default value	**PLC (error location)**	Default value
Table header border					
Width (table header border)	1	**Style (table header border)**	Solid	**Color (table header border)**	156, 154, 165
Background color (table header border)	156, 154, 165	**Corner radius (table header border)**	2		
Table header fill pattern					
Fill pattern (table header fill pattern)	Vertical gradient	**Background color gradient (table header fill pattern)**	239, 235, 239	**Gradient 1 (table header fill pattern)**	Enabled
Color gradient 1 (table header fill pattern)	247, 247, 247	**Offset gradient 1 (table header fill pattern)**	15	**Gradient 2 (table header fill pattern)**	Enabled

Color gradient 2 (table header fill pattern)	231, 223, 222	**Offset gradient 2 (table header fill pattern)**	15
Styles/Designs			
Use style/design	Disabled	**Style item appearance**	
Miscellaneous			
Name	Alarm window_Pending		

Alarm indicator

Type	Alarm indicator		
Layout			
X position	740	**Y position**	51
General			
Display alarm classes	Acknowledged : Errors Pending : Errors		

Dynamizations\Event	
Event name	Click

Function list\ShowAlarmWindow

Object name	Alarm window_Pending	**Display mode**	Toggle

Dynamizations\Event	
Event name	Click when flashing

Function list\ShowAlarmWindow

Object name	Alarm window_Pending	**Display mode**	Toggle

System events

Type	Alarm window				
General					
Alarm classes	System	**Source of alarms**	Alarms	**Pending alarms**	Enabled
Unacknowledged alarms	Disabled				
Appearance					
Background color of table	255, 255, 255	**Alternative color**	231, 231, 239	**Foreground color of table**	49, 52, 74
Foreground color of selection	255, 255, 255	**Background color of selection**	148, 182, 231	**Background color**	247, 243, 247
Focus color	148, 182, 231	**Header foreground color**	49, 52, 74	**Header background color**	239, 235, 239
Color of the grid lines	255, 255, 255				
Layout					
X position	75	**Y position**	75	**Width**	700
Height	380	**Fit object to contents**	Disabled	**Lines per alarms**	1
Visible alarms	1				
Window					
Display automatically	Enabled	**Modal dialog**	Disabled	**Enabled**	Enabled
Title	Active system events	**Close button**	Enabled		
Display					
Vertical scrolling	Enabled	**Horizontal scrolling**	Disabled	**Horizontal grid lines**	Disabled
Focus width	2				
Text format					
Table font	Tahoma, 15px	**Table header font**	Tahoma, 15px, style=Bold		
Toolbar					
"Info text" button	Enabled	**Acknowledge button**	Enabled	**Loop-In-Alarm button**	Disabled
Toolbar style	Buttons				
Button border					
Width (button border)	1	**Style (button border)**	Solid	**Foreground color (button border)**	156, 154, 165
Background color (button border)	156, 154, 165	**Corner radius (button border)**	3		
Button fill pattern					
Fill pattern (button fill pattern)	Vertical gradient	**Background color (button fill pattern)**	239, 235, 239	**Background color gradient (button fill pattern)**	239, 235, 239
Gradient 1 (button fill pattern)	Enabled	**Color gradient 1 (button fill pattern)**	247, 247, 247	**Offset gradient 1 (button fill pattern)**	15
Gradient 2 (button fill pattern)	Enabled	**Color gradient 2 (button fill pattern)**	231, 223, 222	**Offset gradient 2 (button fill pattern)**	15
Columns					
Columns	Alarm number, Time, Alarm text, Date, Alarm class	**Column headers**	Enabled	**Time in milliseconds**	Disabled
Time sorting order	Descending				
Column headers					
Alarm number	Default value	**Time**	Default value	**Alarm status**	Default value
Alarm text	Default value	**Alarm class**	Default value	**Date**	Default value
Acknowledgment group	Default value	**Diagnosable**	Default value	**PLC (error location)**	Default value
Table header border					
Width (table header border)	1	**Style (table header border)**	Solid	**Color (table header border)**	156, 154, 165
Background color (table header border)	156, 154, 165	**Corner radius (table header border)**	2		

Table header fill pattern					
Fill pattern (table header fill pattern)	Vertical gradient	**Background color gradient (table header fill pattern)**	239, 235, 239	**Gradient 1 (table header fill pattern)**	Enabled
Color gradient 1 (table header fill pattern)	247, 247, 247	**Offset gradient 1 (table header fill pattern)**	15	**Gradient 2 (table header fill pattern)**	Enabled
Color gradient 2 (table header fill pattern)	231, 223, 222	**Offset gradient 2 (table header fill pattern)**	15		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	System events				

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / HMI tags

Default tag table [31]

Tag_ScreenNumber

General					
Name	Tag_ScreenNumber	**Connection**	<Internal tag>	**Data type**	UInt
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**PLC tag**		**Coding**	Binary
PLC name					
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Raungildi - Rennsli í framrás

General					
Name	Raungildi - Rennsli í framrás	**Connection**	HMI_Connection_1	**Data type**	Real
Array elements	0	**Length**	4	**Address**	
Access mode	<symbolic access>	**Coding**	IEEE754	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Raungildi - Rennsli í framrás

Raungildi - Hiti í framrás

General					
Name	Raungildi - Hiti í framrás	**Connection**	HMI_Connection_1	**Data type**	Real
Array elements	0	**Length**	4	**Address**	
Access mode	<symbolic access>	**Coding**	IEEE754	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Raungildi - Hiti í framrás

Raungildi - Þrýstingur í framrás

General					
Name	Raungildi - Þrýstingur í framrás	**Connection**	HMI_Connection_1	**Data type**	Real
Array elements	0	**Length**	4	**Address**	
Access mode	<symbolic access>	**Coding**	IEEE754	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0

HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Raungildi - Þrýstingur í framrás

Stilligildi - Rennsli í framrás

General					
Name	Stilligildi - Rennsli í framrás	**Connection**	HMI_Connection_1	**Data type**	Real
Array elements	0	**Length**	4	**Address**	
Access mode	<symbolic access>	**Coding**	IEEE754	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Stilligildi - Rennsli í framrás

Raungildi - Hiti í dæluhúsi

General					
Name	Raungildi - Hiti í dæluhúsi	**Connection**	HMI_Connection_1	**Data type**	Real
Array elements	0	**Length**	4	**Address**	
Access mode	<symbolic access>	**Coding**	IEEE754	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic continuous		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Raungildi - Hiti í dæluhúsi

Hurð opin

General					
Name	Hurð opin	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Hurð opin

Vatnsviðvörun

General					
Name	Vatnsviðvörun	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1

Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Vatnsviðvörun

Vifta

General					
Name	Vifta	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Vifta

Tíðni PID

General					
Name	Tíðni PID	**Connection**	HMI_Connection_1	**Data type**	Real
Array elements	0	**Length**	4	**Address**	
Access mode	<symbolic access>	**Coding**	IEEE754	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Tíðni PID

Ræsing dælu sjálfvirkt

General					
Name	Ræsing dælu sjálfvirkt	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Skjámynd - Ræsing dælu sjálfvirkt

Ræsing dælu handvirkt

General					
Name	Ræsing dælu handvirkt	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Skjámynd - Ræsing dælu handvirkt

Aflrofi útleysing

General					
Name	Aflrofi útleysing	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Bilun Aflrofi dælu útleysing

Púls frá rennslismæli

General					
Name	Púls frá rennslismæli	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Púls frá rennslismæli

Skjámynd - Bilun mótor

General					
Name	Skjámynd - Bilun mótor	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		

Values					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Disabled	Index tag			

Skjámynd - Bilun mótor

Skjámynd - Aflnotkun dælu

General					
Name	Skjámynd - Aflnotkun dælu	Connection	HMI_Connection_1	Data type	Real
Array elements	0	Length	4	Address	
Access mode	<symbolic access>	Coding	IEEE754	PLC name	PLC_1
Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		
Limits					
Upper 2		Lower 2			
Linear scaling					
Linear scaling	Disabled	PLC value range end value	10	PLC value range start value	0
HMI device value range end value	100	HMI device value range start value	0		
Values					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Disabled	Index tag			

Skjámynd - Aflnotkun dælu

Straumtaka mótors (A) (hrátt gildi, 0-27648)

General					
Name	Straumtaka mótors (A) (hrátt gildi, 0-27648)	Connection	HMI_Connection_1	Data type	Word
Array elements	0	Length	2	Address	
Access mode	<symbolic access>	Coding	Binary	PLC name	PLC_1
Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic continuous		
Limits					
Upper 2		Lower 2			
Linear scaling					
Linear scaling	Disabled	PLC value range end value	10	PLC value range start value	0
HMI device value range end value	100	HMI device value range start value	0		
Values					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Disabled	Index tag			

Straumtaka mótors (A) (hrátt gildi, 0-27648)

Raungildi - Straumtaka mótors

General					
Name	Raungildi - Straumtaka mótors	Connection	HMI_Connection_1	Data type	Real
Array elements	0	Length	4	Address	
Access mode	<symbolic access>	Coding	IEEE754	PLC name	PLC_1
Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		
Limits					
Upper 2		Lower 2			
Linear scaling					
Linear scaling	Disabled	PLC value range end value	10	PLC value range start value	0
HMI device value range end value	100	HMI device value range start value	0		
Values					
ID tag		Start value			
Comment					
Comment		Source comment			
Multiplexing					
Multiplexing	Disabled	Index tag			

Raungildi - Straumtaka mótors

Skjámynd - stilling dælu handvirkt

General					
Name	Skjámynd - stilling dælu handvirkt	Connection	HMI_Connection_1	Data type	Real
Array elements	0	Length	4	Address	
Access mode	<symbolic access>	Coding	IEEE754	PLC name	PLC_1
Settings					
Acquisition cycle	1 s	Acquisition mode	Cyclic in operation		

Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Skjámynd - stilling dælu handvirkt

Hurðarofi dæluhús

General					
Name	Hurðarofi dæluhús	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Hurð opin

Bruni

General					
Name	Bruni	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic continuous		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Bruni

Skjámynd - Stopp

General					
Name	Skjámynd - Stopp	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Skjámynd - Stopp

Smurvatnsliði

General					
Name	Smurvatnsliði	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Smurvatnsliði

Mótor

General					
Name	Mótor	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Mótor

Stilligildi - gangur dælu handvirkt

General					
Name	Stilligildi - gangur dælu handvirkt	**Connection**	HMI_Connection_1	**Data type**	Real
Array elements	0	**Length**	4	**Address**	
Access mode	<symbolic access>	**Coding**	IEEE754	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Stilligildi - gangur dælu handvirkt

Reykskynjari

General					
Name	Reykskynjari	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		

Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Reykskynjari

Gólfvatnsliði

General					
Name	Gólfvatnsliði	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Gólfvatnsliði

Stilligildi - vifta

General					
Name	Stilligildi - vifta	**Connection**	HMI_Connection_1	**Data type**	Real
Array elements	0	**Length**	4	**Address**	
Access mode	<symbolic access>	**Coding**	IEEE754	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Stilligildi - vifta

Skjámynd - tíðni

General					
Name	Skjámynd - tíðni	**Connection**	HMI_Connection_1	**Data type**	Real
Array elements	0	**Length**	4	**Address**	
Access mode	<symbolic access>	**Coding**	IEEE754	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Skjámynd - tíðni

Raungildi raki í dæluhúsi

General					
Name	Raungildi raki í dæluhúsi	**Connection**	HMI_Connection_1	**Data type**	Real
Array elements	0	**Length**	4	**Address**	
Access mode	<symbolic access>	**Coding**	IEEE754	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		

Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Raungildi raki í dæluhúsi

Skjámynd - Start

General					
Name	Skjámynd - Start	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**Coding**	Binary	**PLC name**	PLC_1
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**PLC value range end value**	10	**PLC value range start value**	0
HMI device value range end value	100	**HMI device value range start value**	0		
Values					
ID tag		**Start value**			
Comment					
Comment		**Source comment**			
Multiplexing					
Multiplexing	Disabled	**Index tag**			

Skjámynd - Start

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN]

Connections

HMI_Connection_1

Name	HMI_Connection_1	**Communication driver**	SIMATIC S7 1500	**Comment**	
Online	Enabled	**Station**	S71500/ET200MP station_1	**Partner**	PLC_1
Node	CPU 1515-2 PN, PROFINET interface (R0/S1)	**HMI time synchronization mode**	None		

Parameter

HMI device					
Interface	PROFINET (X1)	**Address**	192.168.0.2	**Access point**	S7ONLINE
PLC					
Address	192.168.0.1				

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / HMI alarms

Discrete alarms

This folder is empty.

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / HMI alarms

Analog alarms

Analog_alarm_1

General					
Name	Analog_alarm_1	**ID**	1	**Alarm text**	Há viðvörun Hiti dæluhúsi
Alarm class	Warnings	**Alarm group**	<No alarm group>		
Trigger					
Trigger tag	Raungildi - Hiti í dæluhúsi	**Delay**	0	**Delay time unit**	Millisecond
Trigger mode	Higher	**Limit**	50	**Deadband mode**	Off
Deadband	0	**Deadband in percentage**	Disabled		
Info Text					
Info Text					

Raungildi - Hiti í dæluhúsi

Analog_alarm_2

General					
Name	Analog_alarm_2	**ID**	2	**Alarm text**	Lá viðvörun Hiti dæluhúsi
Alarm class	Warnings	**Alarm group**	<No alarm group>		
Trigger					
Trigger tag	Raungildi - Hiti í dæluhúsi	**Delay**	0	**Delay time unit**	Millisecond
Trigger mode	Lower	**Limit**	5	**Deadband mode**	Off
Deadband	0	**Deadband in percentage**	Disabled		
Info Text					
Info Text					

Raungildi - Hiti í dæluhúsi

Analog_alarm_3

General					
Name	Analog_alarm_3	**ID**	3	**Alarm text**	Há viðvörun Hiti framrás
Alarm class	Warnings	**Alarm group**	<No alarm group>		
Trigger					
Trigger tag	Raungildi - Hiti í dæluhúsi	**Delay**	0	**Delay time unit**	Millisecond
Trigger mode	Higher	**Limit**	100	**Deadband mode**	Off
Deadband	0	**Deadband in percentage**	Disabled		
Info Text					
Info Text					

Raungildi - Hiti í dæluhúsi

Analog_alarm_4

General					
Name	Analog_alarm_4	**ID**	4	**Alarm text**	Lá viðvörun Hiti framrás
Alarm class	Warnings	**Alarm group**	<No alarm group>		
Trigger					
Trigger tag	Raungildi - Hiti í dæluhúsi	**Delay**	0	**Delay time unit**	Millisecond
Trigger mode	Lower	**Limit**	75	**Deadband mode**	Off
Deadband	0	**Deadband in percentage**	Disabled		
Info Text					
Info Text					

Raungildi - Hiti í dæluhúsi

Analog_alarm_5

General					
Name	Analog_alarm_5	**ID**	5	**Alarm text**	Há viðvörun Þrýstingur framrás
Alarm class	Warnings	**Alarm group**	<No alarm group>		
Trigger					
Trigger tag	Raungildi - Hiti í dæluhúsi	**Delay**	0	**Delay time unit**	Millisecond
Trigger mode	Higher	**Limit**	9	**Deadband mode**	Off
Deadband	0	**Deadband in percentage**	Disabled		
Info Text					
Info Text					

Raungildi - Hiti í dæluhúsi

Analog_alarm_6

General					
Name	Analog_alarm_6	**ID**	6	**Alarm text**	Lá viðvörun Þrýstingur framrás
Alarm class	Warnings	**Alarm group**	<No alarm group>		
Trigger					
Trigger tag	Raungildi - Hiti í dæluhúsi	**Delay**	0	**Delay time unit**	Millisecond
Trigger mode	Lower	**Limit**	6	**Deadband mode**	Off
Deadband	0	**Deadband in percentage**	Disabled		

Info Text	
Info Text	

Raungildi - Hiti í dæluhúsi

Analog_alarm_7

General					
Name	Analog_alarm_7	**ID**	7	**Alarm text**	Há viðvörun Raki dæluhúsi
Alarm class	Warnings	**Alarm group**	<No alarm group>		
Trigger					
Trigger tag	Raungildi - Hiti í dæluhúsi	**Delay**	0	**Delay time unit**	Millisecond
Trigger mode	Lower	**Limit**	90	**Deadband mode**	Off
Deadband	0	**Deadband in percentage**	Disabled		

Info Text	
Info Text	

Raungildi - Hiti í dæluhúsi

Analog_alarm_8

General					
Name	Analog_alarm_8	**ID**	8	**Alarm text**	Lá viðvörun Raki dæluhúsi
Alarm class	Warnings	**Alarm group**	<No alarm group>		
Trigger					
Trigger tag	Raungildi - Hiti í dæluhúsi	**Delay**	0	**Delay time unit**	Millisecond
Trigger mode	Lower	**Limit**	20	**Deadband mode**	Off
Deadband	0	**Deadband in percentage**	Disabled		

Info Text	
Info Text	

Raungildi - Hiti í dæluhúsi

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / HMI alarms

Alarm groups

Alarm_group_1

General			
Name	Alarm_group_1	**ID**	1

Alarm_group_10

General			
Name	Alarm_group_10	**ID**	10

Alarm_group_11

General			
Name	Alarm_group_11	**ID**	11

Alarm_group_12

General			
Name	Alarm_group_12	**ID**	12

Alarm_group_13

General			
Name	Alarm_group_13	**ID**	13

Alarm_group_14

General			
Name	Alarm_group_14	**ID**	14

Alarm_group_15

General			
Name	Alarm_group_15	**ID**	15

Alarm_group_16

General			
Name	Alarm_group_16	**ID**	16

Alarm_group_2

General			
Name	Alarm_group_2	**ID**	2

Alarm_group_3

General			
Name	Alarm_group_3	**ID**	3

Alarm_group_4

General			
Name	Alarm_group_4	**ID**	4

Alarm_group_5

General			
Name	Alarm_group_5	**ID**	5

Alarm_group_6

General			
Name	Alarm_group_6	**ID**	6

Alarm_group_7

General			
Name	Alarm_group_7	**ID**	7

Alarm_group_8

General			
Name	Alarm_group_8	**ID**	8

Alarm_group_9

General			
Name	Alarm_group_9	**ID**	9

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / HMI alarms

Alarm classes

Acknowledgement

General					
Name	Acknowledgement	**Display name**	A	**ID**	33
Common alarm class	Acknowledgement	**Alarm log**	<No log>		
Acknowledgment					
State machine	Alarm with single-mode acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 0, 0	**Background "Incoming/Outgoing/ Acknowledged"**	255, 255, 255
Background "Incoming/Outgoing"	255, 0, 0				

Errors

General					
Name	Errors	**Display name**	!	**ID**	1
Common alarm class	<No alarm class>	**Alarm log**	<No log>		
Acknowledgment					
State machine	Alarm with single-mode acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 0, 0	**Background "Incoming/Outgoing/ Acknowledged"**	255, 255, 255
Background "Incoming/Outgoing"	255, 0, 0				

No Acknowledgement

General					
Name	No Acknowledgement	**Display name**	NA	**ID**	34
Common alarm class	No Acknowledgement	**Alarm log**	<No log>		
Acknowledgment					
State machine	Alarm without acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 0, 0	**Background "Incoming/Outgoing/ Acknowledged"**	255, 255, 255
Background "Incoming/Outgoing"	255, 0, 0				

System

General					
Name	System	**Display name**	$	**ID**	3
Common alarm class	<No alarm class>	**Alarm log**	<No log>		
Acknowledgment					
State machine	Alarm without acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 255, 255	**Background "Incoming/Outgoing/ Acknowledged"**	255, 255, 255
Background "Incoming/Outgoing"	255, 255, 255				

Warnings

General					
Name	Warnings	**Display name**		**ID**	2
Common alarm class	<No alarm class>	**Alarm log**	<No log>		
Acknowledgment					
State machine	Alarm without acknowledgment				
State texts					
Text for "Incoming"	I	**Text for "Outgoing"**	O	**Text for "Acknowledged"**	A
Colors					
Background "Incoming/Acknowledged"	255, 255, 255	**Background "Incoming"**	255, 255, 255	**Background "Incoming/Outgoing/ Acknowledged"**	255, 255, 255

Background "Incoming/Outgoing"	255, 255, 255

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / HMI alarms

System events

SystemEvent_10000

General					
Name	SystemEvent_10000	**ID**	10000	**Alarm text**	Print: Unknown error %1.
Alarm class	System				

SystemEvent_10001

General					
Name	SystemEvent_10001	**ID**	10001	**Alarm text**	Printing not possible: no default printer available.
Alarm class	System				

SystemEvent_10002

General					
Name	SystemEvent_10002	**ID**	10002	**Alarm text**	Overflow: graphics will not be printed.
Alarm class	System				

SystemEvent_10003

General					
Name	SystemEvent_10003	**ID**	10003	**Alarm text**	Overflow status on printing of graphics ended.
Alarm class	System				

SystemEvent_10004

General					
Name	SystemEvent_10004	**ID**	10004	**Alarm text**	Overflow: lines in text mode will not be printed.
Alarm class	System				

SystemEvent_10005

General					
Name	SystemEvent_10005	**ID**	10005	**Alarm text**	Overflow status on printing of text lines ended.
Alarm class	System				

SystemEvent_10006

General					
Name	SystemEvent_10006	**ID**	10006	**Alarm text**	Printer error %1: %2.
Alarm class	System				

SystemEvent_10100

General					
Name	SystemEvent_10100	**ID**	10100	**Alarm text**	No.
Alarm class	System				

SystemEvent_10101

General					
Name	SystemEvent_10101	**ID**	10101	**Alarm text**	Time
Alarm class	System				

SystemEvent_10102

General					
Name	SystemEvent_10102	**ID**	10102	**Alarm text**	Date
Alarm class	System				

SystemEvent_10103

General					
Name	SystemEvent_10103	**ID**	10103	**Alarm text**	AGR
Alarm class	System				

SystemEvent_10104

General					
Name	SystemEvent_10104	**ID**	10104	**Alarm text**	Status
Alarm class	System				

SystemEvent_10105

General					
Name	SystemEvent_10105	**ID**	10105	**Alarm text**	PLC
Alarm class	System				

SystemEvent_10106

General					
Name	SystemEvent_10106	**ID**	10106	**Alarm text**	Recipe
Alarm class	System				

SystemEvent_10107

General					
Name	SystemEvent_10107	**ID**	10107	**Alarm text**	Data record
Alarm class	System				

SystemEvent_10108

General					
Name	SystemEvent_10108	**ID**	10108	**Alarm text**	Tag
Alarm class	System				

SystemEvent_10109

General					
Name	SystemEvent_10109	**ID**	10109	**Alarm text**	Type
Alarm class	System				

SystemEvent_10110

General					
Name	SystemEvent_10110	**ID**	10110	**Alarm text**	Value
Alarm class	System				

SystemEvent_10111

General					
Name	SystemEvent_10111	**ID**	10111	**Alarm text**	Number
Alarm class	System				

SystemEvent_10112

General					
Name	SystemEvent_10112	**ID**	10112	**Alarm text**	Recipe does not contain any data records.
Alarm class	System				

SystemEvent_10113

General					
Name	SystemEvent_10113	**ID**	10113	**Alarm text**	Recipe does not contain data record %1.
Alarm class	System				

SystemEvent_10114

General					
Name	SystemEvent_10114	**ID**	10114	**Alarm text**	There are no recipes.
Alarm class	System				

SystemEvent_10115

General					
Name	SystemEvent_10115	**ID**	10115	**Alarm text**	There are no data records with numbers between %1 and %2.
Alarm class	System				

SystemEvent_10116

General					
Name	SystemEvent_10116	**ID**	10116	**Alarm text**	Name
Alarm class	System				

SystemEvent_10117

General					
Name	SystemEvent_10117	**ID**	10117	**Alarm text**	RecordID
Alarm class	System				

SystemEvent_10118

General					
Name	SystemEvent_10118	**ID**	10118	**Alarm text**	Time stamp
Alarm class	System				

SystemEvent_10119

General					
Name	SystemEvent_10119	**ID**	10119	**Alarm text**	DeltaToUTC
Alarm class	System				

SystemEvent_10120

General					
Name	SystemEvent_10120	**ID**	10120	**Alarm text**	UserID
Alarm class	System				

SystemEvent_10121

General					
Name	SystemEvent_10121	**ID**	10121	**Alarm text**	ObjectID
Alarm class	System				

SystemEvent_10122

General					
Name	SystemEvent_10122	**ID**	10122	**Alarm text**	Description
Alarm class	System				

SystemEvent_10123

General					
Name	SystemEvent_10123	**ID**	10123	**Alarm text**	Comments
Alarm class	System				

SystemEvent_110000

General					
Name	SystemEvent_110000	**ID**	110000	**Alarm text**	Change to operating mode 'offline'.
Alarm class	System				

SystemEvent_110001

General					
Name	SystemEvent_110001	**ID**	110001	**Alarm text**	Change to operating mode 'online'.
Alarm class	System				

SystemEvent_110002

General					
Name	SystemEvent_110002	**ID**	110002	**Alarm text**	Cannot change operating mode.
Alarm class	System				

SystemEvent_110003

General					
Name	SystemEvent_110003	**ID**	110003	**Alarm text**	Controller %1: Change to operating mode 'offline'.
Alarm class	System				

SystemEvent_110004

General					
Name	SystemEvent_110004	**ID**	110004	**Alarm text**	Controller %1: Change to operating mode 'online'.
Alarm class	System				

SystemEvent_110005

General					
Name	SystemEvent_110005	**ID**	110005	**Alarm text**	Controller %1: The operating mode could not be changed.
Alarm class	System				

SystemEvent_110006

General					
Name	SystemEvent_110006	**ID**	110006	**Alarm text**	Invalid project ID. Terminating WinCC Runtime.
Alarm class	System				

SystemEvent_120000

General					
Name	SystemEvent_120000	**ID**	120000	**Alarm text**	Trend no. %1 cannot be displayed referenced to a time axis.
Alarm class	System				

SystemEvent_120001

General					
Name	SystemEvent_120001	**ID**	120001	**Alarm text**	Trend no. %1 required to display a time axis.
Alarm class	System				

SystemEvent_120002

General					
Name	SystemEvent_120002	**ID**	120002	**Alarm text**	Trend %1: PLC address error.
Alarm class	System				

SystemEvent_120003

General					
Name	SystemEvent_120003	**ID**	120003	**Alarm text**	Trend
Alarm class	System				

SystemEvent_120004

General					
Name	SystemEvent_120004	**ID**	120004	**Alarm text**	Tag connection
Alarm class	System				

SystemEvent_120005

General					
Name	SystemEvent_120005	**ID**	120005	**Alarm text**	Value
Alarm class	System				

SystemEvent_120006

General					
Name	SystemEvent_120006	**ID**	120006	**Alarm text**	X value
Alarm class	System				

SystemEvent_120007

General					
Name	SystemEvent_120007	**ID**	120007	**Alarm text**	Date/Time
Alarm class	System				

SystemEvent_130000

General					
Name	SystemEvent_130000	**ID**	130000	**Alarm text**	Insufficient RAM space available.
Alarm class	System				

SystemEvent_130001

General					
Name	SystemEvent_130001	**ID**	130001	**Alarm text**	Insufficient hard disk space available.
Alarm class	System				

SystemEvent_130002

General					
Name	SystemEvent_130002	**ID**	130002	**Alarm text**	Insufficient virtual memory available.
Alarm class	System				

SystemEvent_130003

General					
Name	SystemEvent_130003	**ID**	130003	**Alarm text**	Error: No data medium inserted. Operation will be aborted.
Alarm class	System				

SystemEvent_130004

General					
Name	SystemEvent_130004	**ID**	130004	**Alarm text**	Error: The floppy disk is write-protected. Operation will be aborted.
Alarm class	System				

SystemEvent_130005

General					
Name	SystemEvent_130005	**ID**	130005	**Alarm text**	Error: The file is write-protected. Operation will be aborted.
Alarm class	System				

SystemEvent_130006

General					
Name	SystemEvent_130006	**ID**	130006	**Alarm text**	Error. File access violation. Operation will be aborted.
Alarm class	System				

SystemEvent_130007

General					
Name	SystemEvent_130007	**ID**	130007	**Alarm text**	Error: Network connection interrupted.
Alarm class	System				

SystemEvent_130008

General					
Name	SystemEvent_130008	**ID**	130008	**Alarm text**	Error: Storage card not available.
Alarm class	System				

SystemEvent_130009

General					
Name	SystemEvent_130009	**ID**	130009	**Alarm text**	Error: Storage card directory not on a storage card.
Alarm class	System				

SystemEvent_130010

General					
Name	SystemEvent_130010	**ID**	130010	**Alarm text**	Error: Maximum nesting depth exceeded.
Alarm class	System				

SystemEvent_130011

General					
Name	SystemEvent_130011	**ID**	130011	**Alarm text**	SIMATIC WinCC Runtime
Alarm class	System				

SystemEvent_130012

General					
Name	SystemEvent_130012	**ID**	130012	**Alarm text**	You must exit WinCC Runtime before you can place the computer in stand-by mode.
Alarm class	System				

SystemEvent_130013

General					
Name	SystemEvent_130013	**ID**	130013	**Alarm text**	Storage card not available: %1
Alarm class	System				

SystemEvent_140000

General					
Name	SystemEvent_140000	**ID**	140000	**Alarm text**	Connection established: %1, Station %2, Rack %3, Slot %4.
Alarm class	System				

SystemEvent_140001

General					
Name	SystemEvent_140001	**ID**	140001	**Alarm text**	Connection disconnected: %1, Station %2, Rack %3, Slot %4.
Alarm class	System				

SystemEvent_140003

General					
Name	SystemEvent_140003	**ID**	140003	**Alarm text**	General connection error %1.
Alarm class	System				

SystemEvent_140004

General					
Name	SystemEvent_140004	**ID**	140004	**Alarm text**	Incorrect access point or module con-figuration.
Alarm class	System				

SystemEvent_140005

General					
Name	SystemEvent_140005	**ID**	140005	**Alarm text**	Incorrect HMI device address.
Alarm class	System				

SystemEvent_140006

General					
Name	SystemEvent_140006	**ID**	140006	**Alarm text**	Invalid baud rate.
Alarm class	System				

SystemEvent_140007

General					
Name	SystemEvent_140007	**ID**	140007	**Alarm text**	Error in bus profile, error code: %1.
Alarm class	System				

SystemEvent_140008

General					
Name	SystemEvent_140008	**ID**	140008	**Alarm text**	Error in configuration data on bus pro-file, error code: %1.
Alarm class	System				

SystemEvent_140009

General					
Name	SystemEvent_140009	**ID**	140009	**Alarm text**	Module for S7 communication not found.
Alarm class	System				

SystemEvent_140010

General					
Name	SystemEvent_140010	**ID**	140010	**Alarm text**	No S7 communication peer found.
Alarm class	System				

SystemEvent_140011

General					
Name	SystemEvent_140011	**ID**	140011	**Alarm text**	Interference on bus.
Alarm class	System				

SystemEvent_140012

General					
Name	SystemEvent_140012	**ID**	140012	**Alarm text**	Communication drivers cannot be loa-ded.
Alarm class	System				

SystemEvent_140013

General					
Name	SystemEvent_140013	**ID**	140013	**Alarm text**	PC/TS adapter does not respond.
Alarm class	System				

SystemEvent_140014

General					
Name	SystemEvent_140014	**ID**	140014	**Alarm text**	Configured bus address already assigned.
Alarm class	System				

SystemEvent_140015

General					
Name	SystemEvent_140015	**ID**	140015	**Alarm text**	Incorrect baud rate or interrupt number set.
Alarm class	System				

SystemEvent_140016

General					
Name	SystemEvent_140016	**ID**	140016	**Alarm text**	Configured interrupt is not supported by the hardware.
Alarm class	System				

SystemEvent_140017

General					
Name	SystemEvent_140017	**ID**	140017	**Alarm text**	Configured interrupt in used by another driver.
Alarm class	System				

SystemEvent_140018

General					
Name	SystemEvent_140018	**ID**	140018	**Alarm text**	Consistency check disabled: %1.
Alarm class	System				

SystemEvent_140019

General					
Name	SystemEvent_140019	**ID**	140019	**Alarm text**	Reconfiguration of PLC: %1.
Alarm class	System				

SystemEvent_140020

General					
Name	SystemEvent_140020	**ID**	140020	**Alarm text**	Error in consistency check or reconfiguration running: %1.
Alarm class	System				

SystemEvent_140021

General					
Name	SystemEvent_140021	**ID**	140021	**Alarm text**	The legitimation of connection %1 failed. The password is incorrect!
Alarm class	System				

SystemEvent_140022

General					
Name	SystemEvent_140022	**ID**	140022	**Alarm text**	The PLC is protected. A password must be configured for connection %1!
Alarm class	System				

SystemEvent_140023

General					
Name	SystemEvent_140023	**ID**	140023	**Alarm text**	Error during time synchronization: The system time of PLC %1 could not be read.
Alarm class	System				

SystemEvent_140024

General					
Name	SystemEvent_140024	**ID**	140024	**Alarm text**	Error during time synchronization: The system time of PLC %1 could not be written.
Alarm class	System				

SystemEvent_140025

General					
Name	SystemEvent_140025	**ID**	140025	**Alarm text**	Legitimation of connection %1 failed. The password is locked. Please unlock it locally (for example, on the display).
Alarm class	System				

SystemEvent_150000

General					
Name	SystemEvent_150000	**ID**	150000	**Alarm text**	Connection to interface %1 is interrupted.
Alarm class	System				

SystemEvent_150001

General					
Name	SystemEvent_150001	**ID**	150001	**Alarm text**	Connection to interface %1 is restored.
Alarm class	System				

SystemEvent_150100

General					
Name	SystemEvent_150100	**ID**	150100	**Alarm text**	The third party driver does not match the image. Please execute an operating system update.
Alarm class	System				

SystemEvent_160000

General					
Name	SystemEvent_160000	**ID**	160000	**Alarm text**	Connection to PLC %1 %2 is interrupted.
Alarm class	System				

SystemEvent_160001

General					
Name	SystemEvent_160001	**ID**	160001	**Alarm text**	Connection to PLC %1 %2 is restored.
Alarm class	System				

SystemEvent_160010

General					
Name	SystemEvent_160010	**ID**	160010	**Alarm text**	No connection, access to %1 %2 denied.
Alarm class	System				

SystemEvent_160011

General					
Name	SystemEvent_160011	**ID**	160011	**Alarm text**	No connection, server %1 %2 not registered.
Alarm class	System				

SystemEvent_160012

General					
Name	SystemEvent_160012	**ID**	160012	**Alarm text**	No connection to %1 %2, error code: %3.
Alarm class	System				

SystemEvent_160013

General					
Name	SystemEvent_160013	**ID**	160013	**Alarm text**	Warning: InProc activation of server %1 not released.
Alarm class	System				

SystemEvent_160014

General					
Name	SystemEvent_160014	**ID**	160014	**Alarm text**	OPC server project already started. Second OPC server not possible.
Alarm class	System				

SystemEvent_160015

General					
Name	SystemEvent_160015	**ID**	160015	**Alarm text**	The time stamps of the client and the OPC UA server do not match.
Alarm class	System				

SystemEvent_160016

General					
Name	SystemEvent_160016	**ID**	160016	**Alarm text**	Error in the OPC UA connection. Offline mode will be activated.
Alarm class	System				

SystemEvent_160017

General					
Name	SystemEvent_160017	**ID**	160017	**Alarm text**	OPC UA connection error: Unable to establish connection to server %1.
Alarm class	System				

SystemEvent_170000

General					
Name	SystemEvent_170000	**ID**	170000	**Alarm text**	%1 Logon to S7 diagnostics not possible.
Alarm class	System				

SystemEvent_170001

General					
Name	SystemEvent_170001	**ID**	170001	**Alarm text**	%1 Cannot read diagnostics buffer: PLC not online.
Alarm class	System				

SystemEvent_170002

General					
Name	SystemEvent_170002	**ID**	170002	**Alarm text**	%1 Cannot read diagnostics buffer, error code: %2.
Alarm class	System				

SystemEvent_170003

General					
Name	SystemEvent_170003	**ID**	170003	**Alarm text**	%1 Diagnostics not possible, error code: %2.
Alarm class	System				

SystemEvent_170004

General					
Name	SystemEvent_170004	**ID**	170004	**Alarm text**	%1 Diagnostics not possible, error code: %2,%3.
Alarm class	System				

SystemEvent_170007

General					
Name	SystemEvent_170007	**ID**	170007	**Alarm text**	%1 Reading of diagnostics buffer not possible, error code: %2,%3.
Alarm class	System				

SystemEvent_170008

General					
Name	SystemEvent_170008	**ID**	170008	**Alarm text**	Error while reading the diagnostic buffer.
Alarm class	System				

SystemEvent_180000

General					
Name	SystemEvent_180000	**ID**	180000	**Alarm text**	Component %1: data version %2 is not supported.
Alarm class	System				

SystemEvent_180001

General					
Name	SystemEvent_180001	**ID**	180001	**Alarm text**	Overload: Too many simultaneous actions.
Alarm class	System				

SystemEvent_180002

General					
Name	SystemEvent_180002	**ID**	180002	**Alarm text**	Screen keyboard not available.
Alarm class	System				

SystemEvent_180003

General					
Name	SystemEvent_180003	**ID**	180003	**Alarm text**	unknown
Alarm class	System				

SystemEvent_190000

General					
Name	SystemEvent_190000	**ID**	190000	**Alarm text**	Tag %1: unknown error.
Alarm class	System				

SystemEvent_190001

General					
Name	SystemEvent_190001	**ID**	190001	**Alarm text**	Tag %1: error status ended.
Alarm class	System				

SystemEvent_190002

General					
Name	SystemEvent_190002	**ID**	190002	**Alarm text**	Tag %1: no processing because PLC is not online.
Alarm class	System				

SystemEvent_190004

General					
Name	SystemEvent_190004	**ID**	190004	**Alarm text**	Tag %1: PLC address error.
Alarm class	System				

SystemEvent_190005

General					
Name	SystemEvent_190005	**ID**	190005	**Alarm text**	Tag %1: unknown PLC type.
Alarm class	System				

SystemEvent_190006

General					
Name	SystemEvent_190006	**ID**	190006	**Alarm text**	Tag %1: data type of tag does not match PLC type.
Alarm class	System				

SystemEvent_190007

General					
Name	SystemEvent_190007	**ID**	190007	**Alarm text**	Tag %1: value change not possible.
Alarm class	System				

SystemEvent_190008

General					
Name	SystemEvent_190008	**ID**	190008	**Alarm text**	Tag %1: limit violation. Currently [%2 - %3].
Alarm class	System				

SystemEvent_190009

General					
Name	SystemEvent_190009	**ID**	190009	**Alarm text**	Tag %1: maximum value range exceeded.
Alarm class	System				

SystemEvent_190010

General					
Name	SystemEvent_190010	**ID**	190010	**Alarm text**	Tag %1: overflow, values are lost.
Alarm class	System				

SystemEvent_190011

General					
Name	SystemEvent_190011	**ID**	190011	**Alarm text**	Tag %1: value could not be written to the PLC.
Alarm class	System				

SystemEvent_190012

General					
Name	SystemEvent_190012	**ID**	190012	**Alarm text**	Tag %1: conversion error.
Alarm class	System				

SystemEvent_190013

General					
Name	SystemEvent_190013	**ID**	190013	**Alarm text**	Tag %1: String length exceeded. String has been shortened to %2 characters.
Alarm class	System				

SystemEvent_190100

General					
Name	SystemEvent_190100	**ID**	190100	**Alarm text**	Area pointer type: %1, no. %2 PLC address error.
Alarm class	System				

SystemEvent_190101

General					
Name	SystemEvent_190101	**ID**	190101	**Alarm text**	Area pointer type: %1, no. %2 internal error.
Alarm class	System				

SystemEvent_190102

General					
Name	SystemEvent_190102	**ID**	190102	**Alarm text**	Area pointer type: %1, no. %2 error status ended.
Alarm class	System				

SystemEvent_200000

General					
Name	SystemEvent_200000	**ID**	200000	**Alarm text**	%1: address for area pointer not available.
Alarm class	System				

SystemEvent_200001

General					
Name	SystemEvent_200001	**ID**	200001	**Alarm text**	%1: cannot write to area pointer.
Alarm class	System				

SystemEvent_200002

General					
Name	SystemEvent_200002	**ID**	200002	**Alarm text**	%1: error during type conversion.
Alarm class	System				

SystemEvent_200003

General					
Name	SystemEvent_200003	**ID**	200003	**Alarm text**	%1: error status ended.
Alarm class	System				

SystemEvent_200004

General					
Name	SystemEvent_200004	**ID**	200004	**Alarm text**	%1: unknown error.
Alarm class	System				

SystemEvent_200005

General					
Name	SystemEvent_200005	**ID**	200005	**Alarm text**	%1: connection faulty.
Alarm class	System				

SystemEvent_20010

General					
Name	SystemEvent_20010	**ID**	20010	**Alarm text**	Error %1 in script <%2> in line %3.
Alarm class	System				

SystemEvent_200100

General					
Name	SystemEvent_200100	**ID**	200100	**Alarm text**	No address for 'Project ID' area pointer.
Alarm class	System				

SystemEvent_200101

General					
Name	SystemEvent_200101	**ID**	200101	**Alarm text**	Cannot write 'Project ID' area pointer.
Alarm class	System				

SystemEvent_200102

General					
Name	SystemEvent_200102	**ID**	200102	**Alarm text**	'Project ID' area pointer: Error in type conversion.
Alarm class	System				

SystemEvent_200103

General					
Name	SystemEvent_200103	**ID**	200103	**Alarm text**	'Project ID' area pointer: Error state closed.
Alarm class	System				

SystemEvent_200104

General					
Name	SystemEvent_200104	**ID**	200104	**Alarm text**	'Project ID' area pointer: Unknown error.
Alarm class	System				

SystemEvent_200105

General					
Name	SystemEvent_200105	**ID**	200105	**Alarm text**	'Project ID' area pointer: Connection error.
Alarm class	System				

SystemEvent_20011

General					
Name	SystemEvent_20011	**ID**	20011	**Alarm text**	Error %1 in line %2 of called script <%3> of script <%4>.
Alarm class	System				

SystemEvent_20012

General					
Name	SystemEvent_20012	**ID**	20012	**Alarm text**	Error in script <%1> during access to tag/system function.
Alarm class	System				

SystemEvent_20013

General					
Name	SystemEvent_20013	**ID**	20013	**Alarm text**	Error creating scripts; error code: %1.

Alarm class	System

SystemEvent_20014

General					
Name	SystemEvent_20014	**ID**	20014	**Alarm text**	Return value of script <%1> could not be assigned.
Alarm class	System				

SystemEvent_20015

General					
Name	SystemEvent_20015	**ID**	20015	**Alarm text**	Overflow: script <%1> is rejected.
Alarm class	System				

SystemEvent_20016

General					
Name	SystemEvent_20016	**ID**	20016	**Alarm text**	Warning: script <%1> has already been running longer than %2 seconds.
Alarm class	System				

SystemEvent_210000

General					
Name	SystemEvent_210000	**ID**	210000	**Alarm text**	'Job mailbox' area pointer for connection %1: No address for area pointer.
Alarm class	System				

SystemEvent_210001

General					
Name	SystemEvent_210001	**ID**	210001	**Alarm text**	'Job mailbox' area pointer for connection %1: Cannot read/write area pointer.
Alarm class	System				

SystemEvent_210002

General					
Name	SystemEvent_210002	**ID**	210002	**Alarm text**	'Job mailbox' area pointer for connection %1: Error in type conversion.
Alarm class	System				

SystemEvent_210003

General					
Name	SystemEvent_210003	**ID**	210003	**Alarm text**	'Job mailbox' area pointer for connection %1: Error state closed.
Alarm class	System				

SystemEvent_210004

General					
Name	SystemEvent_210004	**ID**	210004	**Alarm text**	'Job mailbox' area pointer for connection %1: Unknown error.
Alarm class	System				

SystemEvent_210005

General					
Name	SystemEvent_210005	**ID**	210005	**Alarm text**	Job mailbox no: %1 invalid.
Alarm class	System				

SystemEvent_210006

General					
Name	SystemEvent_210006	**ID**	210006	**Alarm text**	Job mailbox no. %1 terminated with error.
Alarm class	System				

SystemEvent_220000

General					
Name	SystemEvent_220000	**ID**	220000	**Alarm text**	Communication driver alarm: %1.
Alarm class	System				

SystemEvent_220001

General					
Name	SystemEvent_220001	**ID**	220001	**Alarm text**	Communication driver %1: writing to data type bool/bit not supported.
Alarm class	System				

SystemEvent_220002

General					
Name	SystemEvent_220002	**ID**	220002	**Alarm text**	Communication driver %1: writing to data type byte not supported.
Alarm class	System				

SystemEvent_220003

General					
Name	SystemEvent_220003	**ID**	220003	**Alarm text**	Communication driver %1: loading failed.
Alarm class	System				

SystemEvent_220004

General					
Name	SystemEvent_220004	**ID**	220004	**Alarm text**	Communication driver %1: connection interrupted.
Alarm class	System				

SystemEvent_220005

General					
Name	SystemEvent_220005	**ID**	220005	**Alarm text**	Communication driver %1: connection established.
Alarm class	System				

SystemEvent_220006

General					
Name	SystemEvent_220006	**ID**	220006	**Alarm text**	Connection to PLC %1 (%2) is established.
Alarm class	System				

SystemEvent_220007

General					
Name	SystemEvent_220007	**ID**	220007	**Alarm text**	Connection to PLC %1 (%2) is interrupted.
Alarm class	System				

SystemEvent_220008

General					
Name	SystemEvent_220008	**ID**	220008	**Alarm text**	Interface %1 cannot be opened.
Alarm class	System				

SystemEvent_220009

General					
Name	SystemEvent_220009	**ID**	220009	**Alarm text**	The format of the communication path is invalid.
Alarm class	System				

SystemEvent_230000

General					
Name	SystemEvent_230000	**ID**	230000	**Alarm text**	Invalid entry.
Alarm class	System				

SystemEvent_230002

General					
Name	SystemEvent_230002	**ID**	230002	**Alarm text**	Entry rejected.
Alarm class	System				

SystemEvent_230003

General					
Name	SystemEvent_230003	**ID**	230003	**Alarm text**	Screen not available.
Alarm class	System				

SystemEvent_230005

General					
Name	SystemEvent_230005	**ID**	230005	**Alarm text**	Value range exceeded. Valid range [%1 - %2].
Alarm class	System				

SystemEvent_230100

General					
Name	SystemEvent_230100	**ID**	230100	**Alarm text**	Message from Web browser: %1, %2.
Alarm class	System				

SystemEvent_230200

General					
Name	SystemEvent_230200	**ID**	230200	**Alarm text**	The connection from %1 to %2 is interrupted.
Alarm class	System				

SystemEvent_230201

General					
Name	SystemEvent_230201	**ID**	230201	**Alarm text**	The connection from %1 to %2 has been reestablished.
Alarm class	System				

SystemEvent_230202

General					
Name	SystemEvent_230202	**ID**	230202	**Alarm text**	An error has occurred. WININET.DLL reports the following error: number : %1 text:%2.
Alarm class	System				

SystemEvent_230203

General					
Name	SystemEvent_230203	**ID**	230203	**Alarm text**	An error has occurred. The HTTP server reports the following error: number : %1 text:%2.
Alarm class	System				

SystemEvent_230300

General					
Name	SystemEvent_230300	**ID**	230300	**Alarm text**	Error in the remote display.
Alarm class	System				

SystemEvent_230301

General					
Name	SystemEvent_230301	**ID**	230301	**Alarm text**	An internal error has occurred: %1. No connection possible.
Alarm class	System				

SystemEvent_230302

General					
Name	SystemEvent_230302	**ID**	230302	**Alarm text**	Cannot determine the address of the remote server. No connection possible.
Alarm class	System				

SystemEvent_230303

General					
Name	SystemEvent_230303	**ID**	230303	**Alarm text**	The connection to the remote server has failed. No connection possible.
Alarm class	System				

SystemEvent_230304

General					
Name	SystemEvent_230304	**ID**	230304	**Alarm text**	The remote server is incompatible. No connection possible.
Alarm class	System				

SystemEvent_230305

General					
Name	SystemEvent_230305	**ID**	230305	**Alarm text**	The authentication has failed. Password incorrect.
Alarm class	System				

SystemEvent_230306

General					
Name	SystemEvent_230306	**ID**	230306	**Alarm text**	The connection to the remote server has been interrupted. Connection no longer possible.
Alarm class	System				

SystemEvent_230307

General					
Name	SystemEvent_230307	**ID**	230307	**Alarm text**	The remote server has closed the connection.
Alarm class	System				

SystemEvent_230308

General					
Name	SystemEvent_230308	**ID**	230308	**Alarm text**	Establishing connection to remote server %1.
Alarm class	System				

SystemEvent_230350

General					
Name	SystemEvent_230350	**ID**	230350	**Alarm text**	An encrypted connection was established to the VNC server %1.
Alarm class	System				

SystemEvent_230351

General					
Name	SystemEvent_230351	**ID**	230351	**Alarm text**	A non-encrypted connection was established to the VNC server %1.
Alarm class	System				

SystemEvent_230400

General					
Name	SystemEvent_230400	**ID**	230400	**Alarm text**	New
Alarm class	System				

SystemEvent_230401

General					
Name	SystemEvent_230401	**ID**	230401	**Alarm text**	Save
Alarm class	System				

SystemEvent_230402

General					
Name	SystemEvent_230402	**ID**	230402	**Alarm text**	Delete
Alarm class	System				

SystemEvent_230403

General					
Name	SystemEvent_230403	**ID**	230403	**Alarm text**	To PLC
Alarm class	System				

SystemEvent_230404

General					
Name	SystemEvent_230404	**ID**	230404	**Alarm text**	From PLC
Alarm class	System				

SystemEvent_230405

General					
Name	SystemEvent_230405	**ID**	230405	**Alarm text**	Save As
Alarm class	System				

SystemEvent_230406

General					
Name	SystemEvent_230406	**ID**	230406	**Alarm text**	Rename
Alarm class	System				

SystemEvent_230407

General					
Name	SystemEvent_230407	**ID**	230407	**Alarm text**	Display help
Alarm class	System				

SystemEvent_230408

General					
Name	SystemEvent_230408	**ID**	230408	**Alarm text**	Back
Alarm class	System				

SystemEvent_230409

General					
Name	SystemEvent_230409	**ID**	230409	**Alarm text**	Open
Alarm class	System				

SystemEvent_230500

General					
Name	SystemEvent_230500	**ID**	230500	**Alarm text**	<ENTER>
Alarm class	System				

SystemEvent_230501

General					
Name	SystemEvent_230501	**ID**	230501	**Alarm text**	<New user>
Alarm class	System				

SystemEvent_240000

General					
Name	SystemEvent_240000	**ID**	240000	**Alarm text**	No License Key available. %1
Alarm class	System				

SystemEvent_240001

General					
Name	SystemEvent_240001	**ID**	240001	**Alarm text**	Too many tags (Powertags) have been configured.
Alarm class	System				

SystemEvent_240002

General					
Name	SystemEvent_240002	**ID**	240002	**Alarm text**	%1
Alarm class	System				

SystemEvent_240003

General					
Name	SystemEvent_240003	**ID**	240003	**Alarm text**	Authorization: Internal error %1.

Alarm class	System

SystemEvent_240004

General					
Name	SystemEvent_240004	**ID**	240004	**Alarm text**	Backup authorization defective, error code: %1.
Alarm class	System				

SystemEvent_240005

General					
Name	SystemEvent_240005	**ID**	240005	**Alarm text**	WinCC Runtime has detected a problem with Automation License Manager. Please reinstall Automation License Manager.
Alarm class	System				

SystemEvent_250000

General					
Name	SystemEvent_250000	**ID**	250000	**Alarm text**	PLC address error in line %1.
Alarm class	System				

SystemEvent_250001

General					
Name	SystemEvent_250001	**ID**	250001	**Alarm text**	Unknown PLC type in line %1.
Alarm class	System				

SystemEvent_250002

General					
Name	SystemEvent_250002	**ID**	250002	**Alarm text**	Tag type in line %1 does not match PLC type.
Alarm class	System				

SystemEvent_250003

General					
Name	SystemEvent_250003	**ID**	250003	**Alarm text**	Connection to PLC has failed.
Alarm class	System				

SystemEvent_260000

General					
Name	SystemEvent_260000	**ID**	260000	**Alarm text**	Invalid password or user name. Logon has failed.
Alarm class	System				

SystemEvent_260001

General					
Name	SystemEvent_260001	**ID**	260001	**Alarm text**	You have insufficient authorization.
Alarm class	System				

SystemEvent_260002

General					
Name	SystemEvent_260002	**ID**	260002	**Alarm text**	User '%1' logged on with group '%2'.
Alarm class	System				

SystemEvent_260003

General					
Name	SystemEvent_260003	**ID**	260003	**Alarm text**	User logged off.
Alarm class	System				

SystemEvent_260004

General					
Name	SystemEvent_260004	**ID**	260004	**Alarm text**	This user name already exists. Please enter another user name.
Alarm class	System				

SystemEvent_260005

General					
Name	SystemEvent_260005	**ID**	260005	**Alarm text**	The length of the user name must be between 1 and 40 characters.
Alarm class	System				

SystemEvent_260006

General					
Name	SystemEvent_260006	**ID**	260006	**Alarm text**	Permitted length of password from %1 to %2 characters is too short or has been exceeded.
Alarm class	System				

SystemEvent_260007

General					
Name	SystemEvent_260007	**ID**	260007	**Alarm text**	The logoff time must be between 0 and 60 minutes.

Alarm class	System

SystemEvent_260008

General					
Name	SystemEvent_260008	**ID**	260008	**Alarm text**	The file format of 'PTProRun.pwl' is not compatible. Reading of file canceled.
Alarm class	System				

SystemEvent_260009

General					
Name	SystemEvent_260009	**ID**	260009	**Alarm text**	User cannot be deleted.
Alarm class	System				

SystemEvent_260010

General					
Name	SystemEvent_260010	**ID**	260010	**Alarm text**	PLC User
Alarm class	System				

SystemEvent_260011

General					
Name	SystemEvent_260011	**ID**	260011	**Alarm text**	PLC Password
Alarm class	System				

SystemEvent_260012

General					
Name	SystemEvent_260012	**ID**	260012	**Alarm text**	The entered passwords are not identical.
Alarm class	System				

SystemEvent_260013

General					
Name	SystemEvent_260013	**ID**	260013	**Alarm text**	The entered password is invalid because it is already in use.
Alarm class	System				

SystemEvent_260014

General					
Name	SystemEvent_260014	**ID**	260014	**Alarm text**	User '%1' has failed to log on successfully %2 times. The user has been logged out and assigned to group '%3'.
Alarm class	System				

SystemEvent_260015

General					
Name	SystemEvent_260015	**ID**	260015	**Alarm text**	User administration
Alarm class	System				

SystemEvent_260016

General					
Name	SystemEvent_260016	**ID**	260016	**Alarm text**	User '%1' has failed to log on successfully %2 times.
Alarm class	System				

SystemEvent_260017

General					
Name	SystemEvent_260017	**ID**	260017	**Alarm text**	Password of user '%1' has been changed.
Alarm class	System				

SystemEvent_260018

General					
Name	SystemEvent_260018	**ID**	260018	**Alarm text**	User '%1' has been set up with group '%2' and logoff time = %3 min.
Alarm class	System				

SystemEvent_260019

General					
Name	SystemEvent_260019	**ID**	260019	**Alarm text**	User '%1' has been deleted.
Alarm class	System				

SystemEvent_260020

General					
Name	SystemEvent_260020	**ID**	260020	**Alarm text**	The group of user '%1' has been changed from '%2' to '%3'.
Alarm class	System				

SystemEvent_260021

General					
Name	SystemEvent_260021	**ID**	260021	**Alarm text**	The logoff time of user '%1' has been changed from %2 min. to %3 min.

Alarm class	System

SystemEvent_260022

General					
Name	SystemEvent_260022	**ID**	260022	**Alarm text**	User '%1' has been renamed to '%2'.
Alarm class	System				

SystemEvent_260023

General					
Name	SystemEvent_260023	**ID**	260023	**Alarm text**	Unauthorized
Alarm class	System				

SystemEvent_260024

General					
Name	SystemEvent_260024	**ID**	260024	**Alarm text**	The password has to have at least one number.
Alarm class	System				

SystemEvent_260025

General					
Name	SystemEvent_260025	**ID**	260025	**Alarm text**	The password has to have at least %1 characters.
Alarm class	System				

SystemEvent_260026

General					
Name	SystemEvent_260026	**ID**	260026	**Alarm text**	The password has to have at least one special character.
Alarm class	System				

SystemEvent_260027

General					
Name	SystemEvent_260027	**ID**	260027	**Alarm text**	User settings
Alarm class	System				

SystemEvent_260028

General					
Name	SystemEvent_260028	**ID**	260028	**Alarm text**	SIMATIC Logon: Server is not available. Only logon by a local user is possible.
Alarm class	System				

SystemEvent_260029

General					
Name	SystemEvent_260029	**ID**	260029	**Alarm text**	SIMATIC Logon: User is not assigned to any specific group. User will be logged off.
Alarm class	System				

SystemEvent_260030

General					
Name	SystemEvent_260030	**ID**	260030	**Alarm text**	SIMATIC Logon: Password could not be changed. User will be logged off.
Alarm class	System				

SystemEvent_260031

General					
Name	SystemEvent_260031	**ID**	260031	**Alarm text**	SIMATIC Logon: User could not be logged on.
Alarm class	System				

SystemEvent_260032

General					
Name	SystemEvent_260032	**ID**	260032	**Alarm text**	SIMATIC Logon: User could not be logged on. The user account is blocked.
Alarm class	System				

SystemEvent_260033

General					
Name	SystemEvent_260033	**ID**	260033	**Alarm text**	SIMATIC Logon: Error
Alarm class	System				

SystemEvent_260034

General					
Name	SystemEvent_260034	**ID**	260034	**Alarm text**	A logon operation is currently active. Please wait.
Alarm class	System				

SystemEvent_260035

General					
Name	SystemEvent_260035	**ID**	260035	**Alarm text**	Attempting to change the password. Please wait.
Alarm class	System				

SystemEvent_260036

General					
Name	SystemEvent_260036	**ID**	260036	**Alarm text**	Check the licenses on the SIMATIC Logon Server. A logon was still possible.
Alarm class	System				

SystemEvent_260037

General					
Name	SystemEvent_260037	**ID**	260037	**Alarm text**	Logon via the SIMATIC Logon Server is not possible because of missing licenses. Only local logon is possible.
Alarm class	System				

SystemEvent_260038

General					
Name	SystemEvent_260038	**ID**	260038	**Alarm text**	Attempting to establish a connection to the SIMATIC Logon server.
Alarm class	System				

SystemEvent_260039

General					
Name	SystemEvent_260039	**ID**	260039	**Alarm text**	Connection to SIMATIC Logon Server possible.
Alarm class	System				

SystemEvent_260040

General					
Name	SystemEvent_260040	**ID**	260040	**Alarm text**	SIMATIC Logon: Cannot reach the %1 domain. Use local users.
Alarm class	System				

SystemEvent_260041

General					
Name	SystemEvent_260041	**ID**	260041	**Alarm text**	The password entered is not valid.
Alarm class	System				

SystemEvent_260042

General					
Name	SystemEvent_260042	**ID**	260042	**Alarm text**	The user %1 cannot be created because the password is invalid.
Alarm class	System				

SystemEvent_260043

General					
Name	SystemEvent_260043	**ID**	260043	**Alarm text**	SIMATIC Logon: User '%1' could not be logged on.
Alarm class	System				

SystemEvent_260044

General					
Name	SystemEvent_260044	**ID**	260044	**Alarm text**	SIMATIC Logon: User '%1' could not be logged on. The user account is blocked.
Alarm class	System				

SystemEvent_260045

General					
Name	SystemEvent_260045	**ID**	260045	**Alarm text**	SIMATIC Logon: User '%1' is not assigned to any specific group. User will be logged off.
Alarm class	System				

SystemEvent_260046

General					
Name	SystemEvent_260046	**ID**	260046	**Alarm text**	There are no users available.
Alarm class	System				

SystemEvent_260047

General					
Name	SystemEvent_260047	**ID**	260047	**Alarm text**	Multiple users use the same password. The option to log on with password only has been disabled.
Alarm class	System				

SystemEvent_260048

General					
Name	SystemEvent_260048	**ID**	260048	**Alarm text**	The control task 'Logon' failed because there is no group with the ID '%1' in the project.
Alarm class	System				

SystemEvent_270000

General					
Name	SystemEvent_270000	**ID**	270000	**Alarm text**	Alarm no. %1: PLC address error.
Alarm class	System				

SystemEvent_270001

General					
Name	SystemEvent_270001	**ID**	270001	**Alarm text**	Overflow: Pending alarms will be rejected.
Alarm class	System				

SystemEvent_270002

General					
Name	SystemEvent_270002	**ID**	270002	**Alarm text**	No configuration data available for alarms from the log.
Alarm class	System				

SystemEvent_270003

General					
Name	SystemEvent_270003	**ID**	270003	**Alarm text**	The SIMOTION message service cannot be created.
Alarm class	System				

SystemEvent_270004

General					
Name	SystemEvent_270004	**ID**	270004	**Alarm text**	Access to persistent alarm buffer is not possible: Alarms cannot be restored or saved.
Alarm class	System				

SystemEvent_270005

General					
Name	SystemEvent_270005	**ID**	270005	**Alarm text**	Persistent alarm buffer damaged: Alarms cannot be restored.
Alarm class	System				

SystemEvent_270006

General					
Name	SystemEvent_270006	**ID**	270006	**Alarm text**	Project modified: Alarms cannot be restored from the persistent alarm buffer.
Alarm class	System				

SystemEvent_270007

General					
Name	SystemEvent_270007	**ID**	270007	**Alarm text**	Single alarms cannot be restored from the persistent alarm buffer.
Alarm class	System				

SystemEvent_280000

General					
Name	SystemEvent_280000	**ID**	280000	**Alarm text**	Connection to PLC %1 is established.
Alarm class	System				

SystemEvent_280001

General					
Name	SystemEvent_280001	**ID**	280001	**Alarm text**	Connection to PLC %1 is interrupted.
Alarm class	System				

SystemEvent_280002

General					
Name	SystemEvent_280002	**ID**	280002	**Alarm text**	Program in PLC %1 has responded.
Alarm class	System				

SystemEvent_280003

General					
Name	SystemEvent_280003	**ID**	280003	**Alarm text**	Program in PLC %1 is not responding, error code: %2.
Alarm class	System				

SystemEvent_280004

General					
Name	SystemEvent_280004	**ID**	280004	**Alarm text**	Communication error to PLC %1, error code: %2, %3.

Alarm class	System

SystemEvent_290000

General					
Name	SystemEvent_290000	**ID**	290000	**Alarm text**	Recipe tag %1: PLC address error.
Alarm class	System				

SystemEvent_290001

General					
Name	SystemEvent_290001	**ID**	290001	**Alarm text**	Data record tag %1: maximum value range exceeded.
Alarm class	System				

SystemEvent_290002

General					
Name	SystemEvent_290002	**ID**	290002	**Alarm text**	Data record tag %1: conversion error.
Alarm class	System				

SystemEvent_290003

General					
Name	SystemEvent_290003	**ID**	290003	**Alarm text**	More than 5 recipe tags: PLC address error.
Alarm class	System				

SystemEvent_290004

General					
Name	SystemEvent_290004	**ID**	290004	**Alarm text**	More than 5 data record tags: maximum value range exceeded.
Alarm class	System				

SystemEvent_290005

General					
Name	SystemEvent_290005	**ID**	290005	**Alarm text**	More than 5 data record tags: conversion error.
Alarm class	System				

SystemEvent_290006

General					
Name	SystemEvent_290006	**ID**	290006	**Alarm text**	Limit violation. Currently [%1 - %2].
Alarm class	System				

SystemEvent_290007

General					
Name	SystemEvent_290007	**ID**	290007	**Alarm text**	Invalid data record tag %1: value rejected.
Alarm class	System				

SystemEvent_290008

General					
Name	SystemEvent_290008	**ID**	290008	**Alarm text**	Start value is used for tag %1 in recipe %2.
Alarm class	System				

SystemEvent_290010

General					
Name	SystemEvent_290010	**ID**	290010	**Alarm text**	Invalid storage location for recipe %1.
Alarm class	System				

SystemEvent_290011

General					
Name	SystemEvent_290011	**ID**	290011	**Alarm text**	Data record %1 does not exist.
Alarm class	System				

SystemEvent_290012

General					
Name	SystemEvent_290012	**ID**	290012	**Alarm text**	Recipe %1 does not exist.
Alarm class	System				

SystemEvent_290013

General					
Name	SystemEvent_290013	**ID**	290013	**Alarm text**	Data record %1 already exists.
Alarm class	System				

SystemEvent_290014

General					
Name	SystemEvent_290014	**ID**	290014	**Alarm text**	File %1 does not exist.
Alarm class	System				

SystemEvent_290020

General					
Name	SystemEvent_290020	**ID**	290020	**Alarm text**	Data record %1: Transfer to PLC started.
Alarm class	System				

SystemEvent_290021

General					
Name	SystemEvent_290021	**ID**	290021	**Alarm text**	Data record %1: Transfer to PLC successfully completed.
Alarm class	System				

SystemEvent_290022

General					
Name	SystemEvent_290022	**ID**	290022	**Alarm text**	Data record %1: Transfer to PLC aborted with error.
Alarm class	System				

SystemEvent_290023

General					
Name	SystemEvent_290023	**ID**	290023	**Alarm text**	Data record %1: Transfer from PLC started.
Alarm class	System				

SystemEvent_290024

General					
Name	SystemEvent_290024	**ID**	290024	**Alarm text**	Data record %1: Transfer from PLC successfully completed.
Alarm class	System				

SystemEvent_290025

General					
Name	SystemEvent_290025	**ID**	290025	**Alarm text**	Data record %1: Transfer from PLC aborted with error.
Alarm class	System				

SystemEvent_290026

General					
Name	SystemEvent_290026	**ID**	290026	**Alarm text**	Transfer not possible: Reset data mailbox on PLC.
Alarm class	System				

SystemEvent_290027

General					
Name	SystemEvent_290027	**ID**	290027	**Alarm text**	Transfer not possible: No connection to PLC.
Alarm class	System				

SystemEvent_290030

General					
Name	SystemEvent_290030	**ID**	290030	**Alarm text**	The data record may have changed. \nReload data record ?
Alarm class	System				

SystemEvent_290031

General					
Name	SystemEvent_290031	**ID**	290031	**Alarm text**	Data record %1 of recipe %2 already exists. Overwrite data record?
Alarm class	System				

SystemEvent_290032

General					
Name	SystemEvent_290032	**ID**	290032	**Alarm text**	File %1 already exists.\nOverwrite file?
Alarm class	System				

SystemEvent_290033

General					
Name	SystemEvent_290033	**ID**	290033	**Alarm text**	Do you really want to delete data record %1 in recipe %2?
Alarm class	System				

SystemEvent_290040

General					
Name	SystemEvent_290040	**ID**	290040	**Alarm text**	General data record error. Error code: %1.
Alarm class	System				

SystemEvent_290041

General					
Name	SystemEvent_290041	**ID**	290041	**Alarm text**	Data medium is full.
Alarm class	System				

SystemEvent_290042

General					
Name	SystemEvent_290042	**ID**	290042	**Alarm text**	Cannot edit data records because a recipe action is already running.
Alarm class	System				

SystemEvent_290043

General					
Name	SystemEvent_290043	**ID**	290043	**Alarm text**	Save changes to data record %1 of recipe %2?
Alarm class	System				

SystemEvent_290044

General					
Name	SystemEvent_290044	**ID**	290044	**Alarm text**	Data storage for this recipe is corrupt and will be deleted.
Alarm class	System				

SystemEvent_290050

General					
Name	SystemEvent_290050	**ID**	290050	**Alarm text**	Export of data records started.
Alarm class	System				

SystemEvent_290051

General					
Name	SystemEvent_290051	**ID**	290051	**Alarm text**	Export of data records successfully completed.
Alarm class	System				

SystemEvent_290052

General					
Name	SystemEvent_290052	**ID**	290052	**Alarm text**	Export of data records aborted with error.
Alarm class	System				

SystemEvent_290053

General					
Name	SystemEvent_290053	**ID**	290053	**Alarm text**	Import of data records started.
Alarm class	System				

SystemEvent_290054

General					
Name	SystemEvent_290054	**ID**	290054	**Alarm text**	Import of data records successfully completed.
Alarm class	System				

SystemEvent_290055

General					
Name	SystemEvent_290055	**ID**	290055	**Alarm text**	Import of data records aborted with error.
Alarm class	System				

SystemEvent_290056

General					
Name	SystemEvent_290056	**ID**	290056	**Alarm text**	Import/Export: Error in file %1; line %2; column %3.
Alarm class	System				

SystemEvent_290057

General					
Name	SystemEvent_290057	**ID**	290057	**Alarm text**	The tags in recipe %1 are 'online'.
Alarm class	System				

SystemEvent_290058

General					
Name	SystemEvent_290058	**ID**	290058	**Alarm text**	The tags in recipe %1 are 'offline'.
Alarm class	System				

SystemEvent_290059

General					
Name	SystemEvent_290059	**ID**	290059	**Alarm text**	Data record no. %1 has been successfully saved.
Alarm class	System				

SystemEvent_290060

General					
Name	SystemEvent_290060	**ID**	290060	**Alarm text**	Data record memory was successfully deleted.
Alarm class	System				

SystemEvent_290061

General					
Name	SystemEvent_290061	**ID**	290061	**Alarm text**	Delete data record memory operation aborted with error.
Alarm class	System				

SystemEvent_290062

General					
Name	SystemEvent_290062	**ID**	290062	**Alarm text**	Maximum data record number range exceeded.
Alarm class	System				

SystemEvent_290063

General					
Name	SystemEvent_290063	**ID**	290063	**Alarm text**	File exists already.
Alarm class	System				

SystemEvent_290064

General					
Name	SystemEvent_290064	**ID**	290064	**Alarm text**	Deletion of data records started.
Alarm class	System				

SystemEvent_290065

General					
Name	SystemEvent_290065	**ID**	290065	**Alarm text**	Deletion of data records successfully completed.
Alarm class	System				

SystemEvent_290066

General					
Name	SystemEvent_290066	**ID**	290066	**Alarm text**	Do you really want to delete the recipe files?
Alarm class	System				

SystemEvent_290067

General					
Name	SystemEvent_290067	**ID**	290067	**Alarm text**	Save as
Alarm class	System				

SystemEvent_290068

General					
Name	SystemEvent_290068	**ID**	290068	**Alarm text**	Do you really want to delete all data records in recipe %1?
Alarm class	System				

SystemEvent_290069

General					
Name	SystemEvent_290069	**ID**	290069	**Alarm text**	Do you really want to delete all data records in all recipes?
Alarm class	System				

SystemEvent_290070

General					
Name	SystemEvent_290070	**ID**	290070	**Alarm text**	Data record %1 does not exist in file %2.
Alarm class	System				

SystemEvent_290071

General					
Name	SystemEvent_290071	**ID**	290071	**Alarm text**	Lower limit exceeded.
Alarm class	System				

SystemEvent_290072

General					
Name	SystemEvent_290072	**ID**	290072	**Alarm text**	Upper limit exceeded.
Alarm class	System				

SystemEvent_290073

General					
Name	SystemEvent_290073	**ID**	290073	**Alarm text**	Error: action aborted.
Alarm class	System				

SystemEvent_290074

General					
Name	SystemEvent_290074	**ID**	290074	**Alarm text**	%1: A data record with the no. %2 already exists. Do you want to overwrite data record %3 with data record %4?
Alarm class	System				

SystemEvent_290075

General					
Name	SystemEvent_290075	**ID**	290075	**Alarm text**	Data record name already exists.
Alarm class	System				

SystemEvent_290076

General					
Name	SystemEvent_290076	**ID**	290076	**Alarm text**	Data record %1: Save displayed data record to data medium.
Alarm class	System				

SystemEvent_290077

General					
Name	SystemEvent_290077	**ID**	290077	**Alarm text**	Data record %1: Saving displayed data record aborted due to error.
Alarm class	System				

SystemEvent_290078

General					
Name	SystemEvent_290078	**ID**	290078	**Alarm text**	Data record %1: Save tags to data medium.
Alarm class	System				

SystemEvent_290079

General					
Name	SystemEvent_290079	**ID**	290079	**Alarm text**	Data record %1: Saving tags aborted due to error.
Alarm class	System				

SystemEvent_290080

General					
Name	SystemEvent_290080	**ID**	290080	**Alarm text**	Data record %1: Save displayed data record in data medium %2.
Alarm class	System				

SystemEvent_290081

General					
Name	SystemEvent_290081	**ID**	290081	**Alarm text**	Data record %1: Saving of displayed data record %2 aborted due to error.
Alarm class	System				

SystemEvent_290082

General					
Name	SystemEvent_290082	**ID**	290082	**Alarm text**	Data record %1: Displayed data record deleted.
Alarm class	System				

SystemEvent_290083

General					
Name	SystemEvent_290083	**ID**	290083	**Alarm text**	Data record %1: Deletion of displayed data record aborted due to error.
Alarm class	System				

SystemEvent_290084

General					
Name	SystemEvent_290084	**ID**	290084	**Alarm text**	Data record %1: Synchronization executed.
Alarm class	System				

SystemEvent_290085

General					
Name	SystemEvent_290085	**ID**	290085	**Alarm text**	Data record %1: Synchronization aborted due to error.
Alarm class	System				

SystemEvent_290086

General					
Name	SystemEvent_290086	**ID**	290086	**Alarm text**	Data record %1: Transfer displayed data record to PLC.
Alarm class	System				

SystemEvent_290087

General					
Name	SystemEvent_290087	**ID**	290087	**Alarm text**	Data record %1: Transfer of displayed data record to PLC aborted due to error.
Alarm class	System				

SystemEvent_290088

General					
Name	SystemEvent_290088	**ID**	290088	**Alarm text**	Data record %1: Transfer data from PLC to displayed data record.
Alarm class	System				

SystemEvent_290089

General					
Name	SystemEvent_290089	**ID**	290089	**Alarm text**	Data record %1: Transfer of data from PLC aborted due to error.
Alarm class	System				

SystemEvent_290090

General					
Name	SystemEvent_290090	**ID**	290090	**Alarm text**	Data record %1: Rename displayed data record to %2.
Alarm class	System				

SystemEvent_290091

General					
Name	SystemEvent_290091	**ID**	290091	**Alarm text**	Data record %1: Renaming to %2 aborted due to error.
Alarm class	System				

SystemEvent_290092

General					
Name	SystemEvent_290092	**ID**	290092	**Alarm text**	Data record %1: Transfer data medium to PLC.
Alarm class	System				

SystemEvent_290093

General					
Name	SystemEvent_290093	**ID**	290093	**Alarm text**	Data record %1: Transfer of data medium aborted due to error.
Alarm class	System				

SystemEvent_290094

General					
Name	SystemEvent_290094	**ID**	290094	**Alarm text**	Data record %1: Transfer data from PLC to data medium.
Alarm class	System				

SystemEvent_290095

General					
Name	SystemEvent_290095	**ID**	290095	**Alarm text**	Data record %1: Transfer from PLC aborted due to error.
Alarm class	System				

SystemEvent_290096

General					
Name	SystemEvent_290096	**ID**	290096	**Alarm text**	Transfer tags to PLC.
Alarm class	System				

SystemEvent_290097

General					
Name	SystemEvent_290097	**ID**	290097	**Alarm text**	Transfer of tags aborted due to error.
Alarm class	System				

SystemEvent_290098

General					
Name	SystemEvent_290098	**ID**	290098	**Alarm text**	Transfer data from PLC to tags.
Alarm class	System				

SystemEvent_290099

General					
Name	SystemEvent_290099	**ID**	290099	**Alarm text**	Transfer of data from PLC aborted due to error.
Alarm class	System				

SystemEvent_290100

General					
Name	SystemEvent_290100	**ID**	290100	**Alarm text**	Data record %1: Import data from file.
Alarm class	System				

SystemEvent_290101

General					
Name	SystemEvent_290101	**ID**	290101	**Alarm text**	Data record %1: Import data from file aborted due to error.
Alarm class	System				

SystemEvent_290102

General					
Name	SystemEvent_290102	**ID**	290102	**Alarm text**	Data record %1: Load data medium to displayed data record.
Alarm class	System				

SystemEvent_290103

General					
Name	SystemEvent_290103	**ID**	290103	**Alarm text**	Data record %1: Loading of data medium to displayed data record aborted due to error.
Alarm class	System				

SystemEvent_290104

General					
Name	SystemEvent_290104	**ID**	290104	**Alarm text**	Data record %1: Load data medium to tag.
Alarm class	System				

SystemEvent_290105

General					
Name	SystemEvent_290105	**ID**	290105	**Alarm text**	Data record %1: Loading of data medium to tags aborted due to error.
Alarm class	System				

SystemEvent_290106

General					
Name	SystemEvent_290106	**ID**	290106	**Alarm text**	Set update of recipe tags 'Online'.
Alarm class	System				

SystemEvent_290107

General					
Name	SystemEvent_290107	**ID**	290107	**Alarm text**	Set update of recipe tags 'Offline'.
Alarm class	System				

SystemEvent_290108

General					
Name	SystemEvent_290108	**ID**	290108	**Alarm text**	Setting of recipe tags 'Online/Offline' aborted due to error.
Alarm class	System				

SystemEvent_290109

General					
Name	SystemEvent_290109	**ID**	290109	**Alarm text**	Set default values for recipe.
Alarm class	System				

SystemEvent_290110

General					
Name	SystemEvent_290110	**ID**	290110	**Alarm text**	Setting of default values aborted due to error.
Alarm class	System				

SystemEvent_290111

General					
Name	SystemEvent_290111	**ID**	290111	**Alarm text**	Recipes are corrupt or do not match your configuration data.
Alarm class	System				

SystemEvent_300000

General					
Name	SystemEvent_300000	**ID**	300000	**Alarm text**	Overflow: Pending ALARM_S alarms in %1 will be rejected.
Alarm class	System				

SystemEvent_300001

General					
Name	SystemEvent_300001	**ID**	300001	**Alarm text**	Controller %1: Cannot log on for Alarm-S service.
Alarm class	System				

SystemEvent_30010

General					
Name	SystemEvent_30010	**ID**	30010	**Alarm text**	Error writing a tag, error code: %1,%2.
Alarm class	System				

SystemEvent_300100

General					
Name	SystemEvent_300100	**ID**	300100	**Alarm text**	The CPU %1 no longer has sufficient resources. Controller alarms will not be displayed.
Alarm class	System				

SystemEvent_300101

General					
Name	SystemEvent_300101	**ID**	300101	**Alarm text**	Controller alarms have different versions. Please update your configuration.
Alarm class	System				

SystemEvent_300102

General					
Name	SystemEvent_300102	**ID**	300102	**Alarm text**	Limited resources. Repeat process.
Alarm class	System				

SystemEvent_300103

General					
Name	SystemEvent_300103	**ID**	300103	**Alarm text**	Controller %1 does not support automatic update of alarm texts.
Alarm class	System				

SystemEvent_30011

General					
Name	SystemEvent_30011	**ID**	30011	**Alarm text**	Invalid value %1 in parameter %2, error code: %3.
Alarm class	System				

SystemEvent_30012

General					
Name	SystemEvent_30012	**ID**	30012	**Alarm text**	Invalid value %1 in parameter %2, valid range [%3 - %4], error code: %5.
Alarm class	System				

SystemEvent_310000

General					
Name	SystemEvent_310000	**ID**	310000	**Alarm text**	Print job rejected. Only one report can be printed at a time.
Alarm class	System				

SystemEvent_310001

General					
Name	SystemEvent_310001	**ID**	310001	**Alarm text**	Printing of report %1 aborted due to error.
Alarm class	System				

SystemEvent_321000

General					
Name	SystemEvent_321000	**ID**	321000	**Alarm text**	TIA Portal cannot be opened.
Alarm class	System				

SystemEvent_321001

General					
Name	SystemEvent_321001	**ID**	321001	**Alarm text**	TIA Portal is already open.
Alarm class	System				

SystemEvent_321002

General					
Name	SystemEvent_321002	**ID**	321002	**Alarm text**	The project could not be found.
Alarm class	System				

SystemEvent_321003

General					
Name	SystemEvent_321003	**ID**	321003	**Alarm text**	The same TIA Portal project cannot be opened in simulation in read-only mode. Work around: Start Runtime and try it once again. Refer to documentation for further details.
Alarm class	System				

SystemEvent_321004

General					
Name	SystemEvent_321004	**ID**	321004	**Alarm text**	Cannot open TIA Portal. Please save the TIA Portal project, which is to be opened.
Alarm class	System				

SystemEvent_330001

General					
Name	SystemEvent_330001	**ID**	330001	**Alarm text**	Yes
Alarm class	System				

SystemEvent_330002

General					
Name	SystemEvent_330002	**ID**	330002	**Alarm text**	No

Alarm class	System

SystemEvent_330003

General					
Name	SystemEvent_330003	**ID**	330003	**Alarm text**	Cancel
Alarm class	System				

SystemEvent_330004

General					
Name	SystemEvent_330004	**ID**	330004	**Alarm text**	OK
Alarm class	System				

SystemEvent_330005

General					
Name	SystemEvent_330005	**ID**	330005	**Alarm text**	?
Alarm class	System				

SystemEvent_330006

General					
Name	SystemEvent_330006	**ID**	330006	**Alarm text**	Login
Alarm class	System				

SystemEvent_330007

General					
Name	SystemEvent_330007	**ID**	330007	**Alarm text**	User:
Alarm class	System				

SystemEvent_330008

General					
Name	SystemEvent_330008	**ID**	330008	**Alarm text**	Password:
Alarm class	System				

SystemEvent_330009

General					
Name	SystemEvent_330009	**ID**	330009	**Alarm text**	Data record no.:
Alarm class	System				

SystemEvent_330010

General					
Name	SystemEvent_330010	**ID**	330010	**Alarm text**	Data record name:
Alarm class	System				

SystemEvent_330011

General					
Name	SystemEvent_330011	**ID**	330011	**Alarm text**	Rename
Alarm class	System				

SystemEvent_330012

General					
Name	SystemEvent_330012	**ID**	330012	**Alarm text**	Group:
Alarm class	System				

SystemEvent_330013

General					
Name	SystemEvent_330013	**ID**	330013	**Alarm text**	Logoff time:
Alarm class	System				

SystemEvent_330014

General					
Name	SystemEvent_330014	**ID**	330014	**Alarm text**	Data record
Alarm class	System				

SystemEvent_330015

General					
Name	SystemEvent_330015	**ID**	330015	**Alarm text**	Name:
Alarm class	System				

SystemEvent_330016

General					
Name	SystemEvent_330016	**ID**	330016	**Alarm text**	Number:
Alarm class	System				

SystemEvent_330017

General					
Name	SystemEvent_330017	**ID**	330017	**Alarm text**	!
Alarm class	System				

SystemEvent_330018

General					
Name	SystemEvent_330018	**ID**	330018	**Alarm text**	M/d/yyyy
Alarm class	System				

SystemEvent_330019

General					
Name	SystemEvent_330019	**ID**	330019	**Alarm text**	h:mm:ss tt
Alarm class	System				

SystemEvent_330020

General					
Name	SystemEvent_330020	**ID**	330020	**Alarm text**	AM
Alarm class	System				

SystemEvent_330021

General					
Name	SystemEvent_330021	**ID**	330021	**Alarm text**	PM
Alarm class	System				

SystemEvent_330022

General					
Name	SystemEvent_330022	**ID**	330022	**Alarm text**	Too many dialogs open
Alarm class	System				

SystemEvent_330023

General					
Name	SystemEvent_330023	**ID**	330023	**Alarm text**	.
Alarm class	System				

SystemEvent_330024

General					
Name	SystemEvent_330024	**ID**	330024	**Alarm text**	New password:
Alarm class	System				

SystemEvent_330025

General					
Name	SystemEvent_330025	**ID**	330025	**Alarm text**	Confirmation:
Alarm class	System				

SystemEvent_330026

General					
Name	SystemEvent_330026	**ID**	330026	**Alarm text**	Password expiry: %1 day(s)
Alarm class	System				

SystemEvent_330027

General					
Name	SystemEvent_330027	**ID**	330027	**Alarm text**	Password has expired
Alarm class	System				

SystemEvent_330028

General					
Name	SystemEvent_330028	**ID**	330028	**Alarm text**	Comment
Alarm class	System				

SystemEvent_330029

General					
Name	SystemEvent_330029	**ID**	330029	**Alarm text**	Action
Alarm class	System				

SystemEvent_330030

General					
Name	SystemEvent_330030	**ID**	330030	**Alarm text**	Required field
Alarm class	System				

SystemEvent_330031

General					
Name	SystemEvent_330031	**ID**	330031	**Alarm text**	Force
Alarm class	System				

SystemEvent_330032

General					
Name	SystemEvent_330032	**ID**	330032	**Alarm text**	Change password
Alarm class	System				

SystemEvent_330047

General					
Name	SystemEvent_330047	**ID**	330047	**Alarm text**	Input box
Alarm class	System				

SystemEvent_330048

General					
Name	SystemEvent_330048	**ID**	330048	**Alarm text**	Function keys are disabled.
Alarm class	System				

SystemEvent_330049

General					
Name	SystemEvent_330049	**ID**	330049	**Alarm text**	Select file
Alarm class	System				

SystemEvent_330050

General					
Name	SystemEvent_330050	**ID**	330050	**Alarm text**	Select path
Alarm class	System				

SystemEvent_330051

General					
Name	SystemEvent_330051	**ID**	330051	**Alarm text**	Name
Alarm class	System				

SystemEvent_330052

General					
Name	SystemEvent_330052	**ID**	330052	**Alarm text**	Type
Alarm class	System				

SystemEvent_330053

General					
Name	SystemEvent_330053	**ID**	330053	**Alarm text**	Size
Alarm class	System				

SystemEvent_330054

General					
Name	SystemEvent_330054	**ID**	330054	**Alarm text**	Last change
Alarm class	System				

SystemEvent_330055

General					
Name	SystemEvent_330055	**ID**	330055	**Alarm text**	All files
Alarm class	System				

SystemEvent_330056

General					
Name	SystemEvent_330056	**ID**	330056	**Alarm text**	File browser
Alarm class	System				

SystemEvent_330057

General					
Name	SystemEvent_330057	**ID**	330057	**Alarm text**	New folder
Alarm class	System				

SystemEvent_330058

General					
Name	SystemEvent_330058	**ID**	330058	**Alarm text**	Delete
Alarm class	System				

SystemEvent_330059

General					
Name	SystemEvent_330059	**ID**	330059	**Alarm text**	Rename
Alarm class	System				

SystemEvent_330060

General					
Name	SystemEvent_330060	**ID**	330060	**Alarm text**	\'%s\' cannot be found. Make sure that the correct path is specified.
Alarm class	System				

SystemEvent_330061

General					
Name	SystemEvent_330061	**ID**	330061	**Alarm text**	It is not possible to access \'%s\'. Check the access authorizations.
Alarm class	System				

SystemEvent_330062

General					
Name	SystemEvent_330062	**ID**	330062	**Alarm text**	A new folder could not be created in the specified path.
Alarm class	System				

SystemEvent_330063

General					
Name	SystemEvent_330063	**ID**	330063	**Alarm text**	The selected object could not be renamed.
Alarm class	System				

SystemEvent_330064

General					
Name	SystemEvent_330064	**ID**	330064	**Alarm text**	The selected object could not be deleted.
Alarm class	System				

SystemEvent_330065

General					
Name	SystemEvent_330065	**ID**	330065	**Alarm text**	This link no longer works because the object to which the link refers has been moved or changed.
Alarm class	System				

SystemEvent_330066

General					
Name	SystemEvent_330066	**ID**	330066	**Alarm text**	The file browser must be closed due to an unexpected error.
Alarm class	System				

SystemEvent_330067

General					
Name	SystemEvent_330067	**ID**	330067	**Alarm text**	Do you really want to move the selected object to the Recycle Bin?
Alarm class	System				

SystemEvent_330068

General					
Name	SystemEvent_330068	**ID**	330068	**Alarm text**	Do you really want to delete the selected object?
Alarm class	System				

SystemEvent_330069

General					
Name	SystemEvent_330069	**ID**	330069	**Alarm text**	You cannot create any files because this path is read-only.
Alarm class	System				

SystemEvent_330070

General					
Name	SystemEvent_330070	**ID**	330070	**Alarm text**	Cannot save in the selected folder. Please specify a different path.
Alarm class	System				

SystemEvent_330071

General					
Name	SystemEvent_330071	**ID**	330071	**Alarm text**	New server certificate
Alarm class	System				

SystemEvent_330072

General					
Name	SystemEvent_330072	**ID**	330072	**Alarm text**	Do you want to accept the new server certificate?\nOnly accept the server certificate and the connection to Sm@rtServer if you are sure that the certificate is trustworthy.
Alarm class	System				

SystemEvent_340001

General					
Name	SystemEvent_340001	**ID**	340001	**Alarm text**	Info text
Alarm class	System				

SystemEvent_340002

General					
Name	SystemEvent_340002	**ID**	340002	**Alarm text**	Info text for object
Alarm class	System				

SystemEvent_340003

General					
Name	SystemEvent_340003	**ID**	340003	**Alarm text**	Info text for screen
Alarm class	System				

SystemEvent_340004

General					
Name	SystemEvent_340004	**ID**	340004	**Alarm text**	No info text available.

Alarm class	System

SystemEvent_340005

General					
Name	SystemEvent_340005	**ID**	340005	**Alarm text**	Complete message text
Alarm class	System				

SystemEvent_350000

General					
Name	SystemEvent_350000	**ID**	350000	**Alarm text**	PROFIsafe: Timeout.
Alarm class	System				

SystemEvent_350001

General					
Name	SystemEvent_350001	**ID**	350001	**Alarm text**	PROFIsafe: CRC error.
Alarm class	System				

SystemEvent_350002

General					
Name	SystemEvent_350002	**ID**	350002	**Alarm text**	PROFIsafe: Internal error (error code: %1). Closing RT.
Alarm class	System				

SystemEvent_350003

General					
Name	SystemEvent_350003	**ID**	350003	**Alarm text**	PROFIsafe: Connection established.
Alarm class	System				

SystemEvent_350004

General					
Name	SystemEvent_350004	**ID**	350004	**Alarm text**	PROFIsafe: Connection terminated.
Alarm class	System				

SystemEvent_350005

General					
Name	SystemEvent_350005	**ID**	350005	**Alarm text**	The configured address of the F slave is incorrect.
Alarm class	System				

SystemEvent_350006

General					
Name	SystemEvent_350006	**ID**	350006	**Alarm text**	The logon to the effective range is blocked. First test the acknowledgement buttons in functions 'Enable' and 'Panic'.
Alarm class	System				

SystemEvent_350007

General					
Name	SystemEvent_350007	**ID**	350007	**Alarm text**	PROFIsafe: Acknowledge that the connection has been restored.
Alarm class	System				

SystemEvent_350008

General					
Name	SystemEvent_350008	**ID**	350008	**Alarm text**	PROFIsafe: The number of configured fail-safe keys is incorrect.
Alarm class	System				

SystemEvent_350009

General					
Name	SystemEvent_350009	**ID**	350009	**Alarm text**	PROFIsafe: The device is in override mode.
Alarm class	System				

SystemEvent_350010

General					
Name	SystemEvent_350010	**ID**	350010	**Alarm text**	PROFIsafe: A fail-safe key has been pressed.
Alarm class	System				

SystemEvent_350011

General					
Name	SystemEvent_350011	**ID**	350011	**Alarm text**	Start removal from WLAN
Alarm class	System				

SystemEvent_350012

General					
Name	SystemEvent_350012	**ID**	350012	**Alarm text**	Do you want to end fail-safe communication and Runtime? \nThis process cannot be aborted.

Alarm class	System

SystemEvent_350013

General					
Name	SystemEvent_350013	**ID**	350013	**Alarm text**	Confirm removal from WLAN
Alarm class	System				

SystemEvent_350014

General					
Name	SystemEvent_350014	**ID**	350014	**Alarm text**	Confirm removal with acknowledgement button within 60 seconds. If not, the system will go into safe state.
Alarm class	System				

SystemEvent_350015

General					
Name	SystemEvent_350015	**ID**	350015	**Alarm text**	Test acknowledgement buttons
Alarm class	System				

SystemEvent_350016

General					
Name	SystemEvent_350016	**ID**	350016	**Alarm text**	Both acknowledgement buttons must be tested to ensure they are operational. Fully press both acknowledgement buttons until the panic position is reached.
Alarm class	System				

SystemEvent_350017

General					
Name	SystemEvent_350017	**ID**	350017	**Alarm text**	Left effective range without logging off
Alarm class	System				

SystemEvent_350018

General					
Name	SystemEvent_350018	**ID**	350018	**Alarm text**	WARNING: You have left the following effective range without logging off: \nEffective range %1\nThe acknowledgement button is disabled.\nDo you want to log off from the effective range?
Alarm class	System				

SystemEvent_350019

General					
Name	SystemEvent_350019	**ID**	350019	**Alarm text**	You have left the effective range without permission. A local rampdown was initiated. Please confirm logging off from the effective range.
Alarm class	System				

SystemEvent_350020

General					
Name	SystemEvent_350020	**ID**	350020	**Alarm text**	Error during effective range logon.
Alarm class	System				

SystemEvent_350021

General					
Name	SystemEvent_350021	**ID**	350021	**Alarm text**	An error occurred while logging on to the effective range. The acknowledgment button remains disabled.
Alarm class	System				

SystemEvent_350022

General					
Name	SystemEvent_350022	**ID**	350022	**Alarm text**	Acknowledge communication error
Alarm class	System				

SystemEvent_350023

General					
Name	SystemEvent_350023	**ID**	350023	**Alarm text**	A PROFIsafe connection is possible again. Please acknowledge the communication error.
Alarm class	System				

SystemEvent_350024

General					
Name	SystemEvent_350024	**ID**	350024	**Alarm text**	Logoff from effective range
Alarm class	System				

SystemEvent_350025

General					
Name	SystemEvent_350025	**ID**	350025	**Alarm text**	The Panel cannot be switched off. First you have to log off from the effective range.\nDo you want to log off from the following effective range? \nEffective range %1
Alarm class	System				

SystemEvent_350026

General					
Name	SystemEvent_350026	**ID**	350026	**Alarm text**	Establish PROFIsafe connection
Alarm class	System				

SystemEvent_350027

General					
Name	SystemEvent_350027	**ID**	350027	**Alarm text**	No PROFIsafe connection available. \nReason: %1\nDo you want to switch off the Panel?
Alarm class	System				

SystemEvent_350028

General					
Name	SystemEvent_350028	**ID**	350028	**Alarm text**	HMI parameter assignment OK
Alarm class	System				

SystemEvent_350029

General					
Name	SystemEvent_350029	**ID**	350029	**Alarm text**	PROFIsafe address error
Alarm class	System				

SystemEvent_350030

General					
Name	SystemEvent_350030	**ID**	350030	**Alarm text**	Error in the number of F-keys.
Alarm class	System				

SystemEvent_350031

General					
Name	SystemEvent_350031	**ID**	350031	**Alarm text**	Communication error (timeout)
Alarm class	System				

SystemEvent_350032

General					
Name	SystemEvent_350032	**ID**	350032	**Alarm text**	Communication error (CRC)
Alarm class	System				

SystemEvent_350033

General					
Name	SystemEvent_350033	**ID**	350033	**Alarm text**	No PROFIsafe connection, e.g. CPU in STOP
Alarm class	System				

SystemEvent_350034

General					
Name	SystemEvent_350034	**ID**	350034	**Alarm text**	PROFIsafe CRC configuration error
Alarm class	System				

SystemEvent_350035

General					
Name	SystemEvent_350035	**ID**	350035	**Alarm text**	Check transponder
Alarm class	System				

SystemEvent_350037

General					
Name	SystemEvent_350037	**ID**	350037	**Alarm text**	The PROFINET connection is being established.
Alarm class	System				

SystemEvent_350038

General					
Name	SystemEvent_350038	**ID**	350038	**Alarm text**	Internal configuration error
Alarm class	System				

SystemEvent_350039

General					
Name	SystemEvent_350039	**ID**	350039	**Alarm text**	Discrepancy error acknowledgement button
Alarm class	System				

SystemEvent_350040

General					
Name	SystemEvent_350040	**ID**	350040	**Alarm text**	Please release the acknowledgement button.
Alarm class	System				

SystemEvent_350041

General					
Name	SystemEvent_350041	**ID**	350041	**Alarm text**	Terminate PROFIsafe connection
Alarm class	System				

SystemEvent_350042

General					
Name	SystemEvent_350042	**ID**	350042	**Alarm text**	Do you really want to terminate the PROFIsafe connection? Wait until the emergency stop switch is no longer lit, then remove the connection cable.
Alarm class	System				

SystemEvent_350050

General					
Name	SystemEvent_350050	**ID**	350050	**Alarm text**	Logon to effective range
Alarm class	System				

SystemEvent_350051

General					
Name	SystemEvent_350051	**ID**	350051	**Alarm text**	Do you want to log on to the following effective range?\nEffective range %1\nPlease enter the effective range ID:
Alarm class	System				

SystemEvent_350052

General					
Name	SystemEvent_350052	**ID**	350052	**Alarm text**	Logoff from effective range
Alarm class	System				

SystemEvent_350053

General					
Name	SystemEvent_350053	**ID**	350053	**Alarm text**	Do you want to log off from the following effective range?\nEffective range %1
Alarm class	System				

SystemEvent_350054

General					
Name	SystemEvent_350054	**ID**	350054	**Alarm text**	You are logged on to an effective range. You have to log off before ending runtime. Do you want to log off now?
Alarm class	System				

SystemEvent_350055

General					
Name	SystemEvent_350055	**ID**	350055	**Alarm text**	You have just left the effective range you are logged on to. Please return to the effective range or log off. Do you want to log off now?
Alarm class	System				

SystemEvent_350056

General					
Name	SystemEvent_350056	**ID**	350056	**Alarm text**	Effective ranges
Alarm class	System				

SystemEvent_350057

General					
Name	SystemEvent_350057	**ID**	350057	**Alarm text**	Transponders
Alarm class	System				

SystemEvent_350058

General					
Name	SystemEvent_350058	**ID**	350058	**Alarm text**	Effective range
Alarm class	System				

SystemEvent_350059

General					
Name	SystemEvent_350059	**ID**	350059	**Alarm text**	Transponders
Alarm class	System				

SystemEvent_350060

General					
Name	SystemEvent_350060	**ID**	350060	**Alarm text**	CRC
Alarm class	System				

SystemEvent_350061

General					
Name	SystemEvent_350061	**ID**	350061	**Alarm text**	Calculate
Alarm class	System				

SystemEvent_350062

General					
Name	SystemEvent_350062	**ID**	350062	**Alarm text**	Test
Alarm class	System				

SystemEvent_350063

General					
Name	SystemEvent_350063	**ID**	350063	**Alarm text**	Exit
Alarm class	System				

SystemEvent_350064

General					
Name	SystemEvent_350064	**ID**	350064	**Alarm text**	Exit Runtime.
Alarm class	System				

SystemEvent_350065

General					
Name	SystemEvent_350065	**ID**	350065	**Alarm text**	Battery state warning
Alarm class	System				

SystemEvent_350066

General					
Name	SystemEvent_350066	**ID**	350066	**Alarm text**	Battery charge less than %1 percent.
Alarm class	System				

SystemEvent_350067

General					
Name	SystemEvent_350067	**ID**	350067	**Alarm text**	A critical error has occurred.\nDate: %1\nError number: %2\nPlease provide this error code to your technical support.\nhttp://www.siemens.de/automation/support-request
Alarm class	System				

SystemEvent_350500

General					
Name	SystemEvent_350500	**ID**	350500	**Alarm text**	Confirm logon
Alarm class	System				

SystemEvent_350501

General					
Name	SystemEvent_350501	**ID**	350501	**Alarm text**	Please confirm logon to the effective range with the acknowledgment button.
Alarm class	System				

SystemEvent_350502

General					
Name	SystemEvent_350502	**ID**	350502	**Alarm text**	Forced logoff
Alarm class	System				

SystemEvent_350503

General					
Name	SystemEvent_350503	**ID**	350503	**Alarm text**	You were automatically logged off from the effective range.\nA local rampdown was initiated.\nConfirm logoff from the effective range.
Alarm class	System				

SystemEvent_350504

General					
Name	SystemEvent_350504	**ID**	350504	**Alarm text**	Check RFID tag
Alarm class	System				

SystemEvent_350505

General					
Name	SystemEvent_350505	**ID**	350505	**Alarm text**	Scan
Alarm class	System				

SystemEvent_350506

General					
Name	SystemEvent_350506	**ID**	350506	**Alarm text**	Scanning...
Alarm class	System				

SystemEvent_350507

General					
Name	SystemEvent_350507	**ID**	350507	**Alarm text**	Tag
Alarm class	System				

SystemEvent_350508

General					
Name	SystemEvent_350508	**ID**	350508	**Alarm text**	RFID tag
Alarm class	System				

SystemEvent_350509

General					
Name	SystemEvent_350509	**ID**	350509	**Alarm text**	Save ID
Alarm class	System				

SystemEvent_350510

General					
Name	SystemEvent_350510	**ID**	350510	**Alarm text**	An error occurred during commission-ing.\nPlease initialize all RFID tags once again.
Alarm class	System				

SystemEvent_350511

General					
Name	SystemEvent_350511	**ID**	350511	**Alarm text**	No effective ranges are configured.
Alarm class	System				

SystemEvent_360000

General					
Name	SystemEvent_360000	**ID**	360000	**Alarm text**	Connection to SSID %1 not possible.
Alarm class	System				

SystemEvent_360001

General					
Name	SystemEvent_360001	**ID**	360001	**Alarm text**	Connection to SSID %1 established.
Alarm class	System				

SystemEvent_360002

General					
Name	SystemEvent_360002	**ID**	360002	**Alarm text**	Transponder ID %1: Battery charge is low. Please replace the batteries.
Alarm class	System				

SystemEvent_360003

General					
Name	SystemEvent_360003	**ID**	360003	**Alarm text**	A critical error has occurred. Error number: %1
Alarm class	System				

SystemEvent_370100

General					
Name	SystemEvent_370100	**ID**	370100	**Alarm text**	Media Player: %1
Alarm class	System				

SystemEvent_380000

General					
Name	SystemEvent_380000	**ID**	380000	**Alarm text**	The Sm@rtAccess Web server cannot use default ports 80 (http) and 443 (https) because they are in use; the server will use ports %1 (http) and %2 (https) instead.
Alarm class	System				

SystemEvent_380001

General					
Name	SystemEvent_380001	**ID**	380001	**Alarm text**	The Sm@rtAccess Web server cannot use the configured http and https ports because they are in use and has closed.
Alarm class	System				

SystemEvent_380002

General					
Name	SystemEvent_380002	**ID**	380002	**Alarm text**	Assign the user name and password for the web services in the WinCC Internet Settings applet, because the web services cannot be executed otherwise.
Alarm class	System				

SystemEvent_380100

General					
Name	SystemEvent_380100	**ID**	380100	**Alarm text**	Assign a password for the Sm@rtServer in the WinCC Internet Settings applet, because the connection cannot be established otherwise.
Alarm class	System				

SystemEvent_390000

General					
Name	SystemEvent_390000	**ID**	390000	**Alarm text**	Certificate for password decryption cannot be found.
Alarm class	System				

SystemEvent_390001

General					
Name	SystemEvent_390001	**ID**	390001	**Alarm text**	Transport password
Alarm class	System				

SystemEvent_390003

General					
Name	SystemEvent_390003	**ID**	390003	**Alarm text**	Invalid password
Alarm class	System				

SystemEvent_400000

General					
Name	SystemEvent_400000	**ID**	400000	**Alarm text**	Error in system function 'Acknowledge NCCancelAlarms'. Error code: %1.
Alarm class	System				

SystemEvent_400001

General					
Name	SystemEvent_400001	**ID**	400001	**Alarm text**	Error in system function 'ChangeNCPassword'. Error code: %1.
Alarm class	System				

SystemEvent_400002

General					
Name	SystemEvent_400002	**ID**	400002	**Alarm text**	Error in system function 'ConfigureNCMachineData'. Error code: %1.
Alarm class	System				

SystemEvent_400003

General					
Name	SystemEvent_400003	**ID**	400003	**Alarm text**	Error in system function 'LogoffNC'. Error code: %1.
Alarm class	System				

SystemEvent_400004

General					
Name	SystemEvent_400004	**ID**	400004	**Alarm text**	Error in system function 'LogonNC'. Error code: %1.
Alarm class	System				

SystemEvent_400005

General					
Name	SystemEvent_400005	**ID**	400005	**Alarm text**	Error in system function 'FillCurrentNCBlockDisplay'. Error code: %1.
Alarm class	System				

SystemEvent_400006

General					
Name	SystemEvent_400006	**ID**	400006	**Alarm text**	Error in system function 'RestartNC'. Error code: %1.
Alarm class	System				

SystemEvent_400007

General					
Name	SystemEvent_400007	**ID**	400007	**Alarm text**	Error in system function 'SelectSubprogram'. Error code: %1.
Alarm class	System				

SystemEvent_400008

General					
Name	SystemEvent_400008	**ID**	400008	**Alarm text**	Error in system function 'ActivateNCUserFrame'. Error code: %1.
Alarm class	System				

SystemEvent_400009

General					
Name	SystemEvent_400009	**ID**	400009	**Alarm text**	Error in system function 'SetS7OperatingMode'. Error code: %1.
Alarm class	System				

SystemEvent_400010

General					
Name	SystemEvent_400010	**ID**	400010	**Alarm text**	Error in system function 'StartNCPIService'. Error code: %1.
Alarm class	System				

SystemEvent_400011

General					
Name	SystemEvent_400011	**ID**	400011	**Alarm text**	Error while filling the NC subprogram list for path %1. Error code: %2.
Alarm class	System				

SystemEvent_400012

General					
Name	SystemEvent_400012	**ID**	400012	**Alarm text**	The NC subprogram list is being filled or a selection is running.
Alarm class	System				

SystemEvent_400013

General					
Name	SystemEvent_400013	**ID**	400013	**Alarm text**	Error for the NC %1 in the alarm or message handler. Error code: %2.
Alarm class	System				

SystemEvent_40010

General					
Name	SystemEvent_40010	**ID**	40010	**Alarm text**	Error in system function 'LinearScaling', error code: %1,%2.
Alarm class	System				

SystemEvent_40011

General					
Name	SystemEvent_40011	**ID**	40011	**Alarm text**	Error in system function 'IncreaseValue' or 'DecreaseValue', error code: %1,%2.
Alarm class	System				

SystemEvent_50000

General					
Name	SystemEvent_50000	**ID**	50000	**Alarm text**	Overflow: no data exchange with the PLC.
Alarm class	System				

SystemEvent_50001

General					
Name	SystemEvent_50001	**ID**	50001	**Alarm text**	Overflow status ended: data exchange is running again.
Alarm class	System				

SystemEvent_580000

General					
Name	SystemEvent_580000	**ID**	580000	**Alarm text**	%1
Alarm class	System				

SystemEvent_580001

General					
Name	SystemEvent_580001	**ID**	580001	**Alarm text**	%1 %2
Alarm class	System				

SystemEvent_60000

General					
Name	SystemEvent_60000	**ID**	60000	**Alarm text**	%1
Alarm class	System				

SystemEvent_600000

General					
Name	SystemEvent_600000	**ID**	600000	**Alarm text**	%1
Alarm class	System				

SystemEvent_60010

General					
Name	SystemEvent_60010	**ID**	60010	**Alarm text**	Error copying the file: %1 to %2, error code: %3.
Alarm class	System				

SystemEvent_60011

General					
Name	SystemEvent_60011	**ID**	60011	**Alarm text**	Error copying files, source and destination are identical.
Alarm class	System				

SystemEvent_620000

General					
Name	SystemEvent_620000	**ID**	620000	**Alarm text**	%1
Alarm class	System				

SystemEvent_70010

General					
Name	SystemEvent_70010	**ID**	70010	**Alarm text**	Error starting the application: %1, error code: %2,%3.
Alarm class	System				

SystemEvent_70011

General					
Name	SystemEvent_70011	**ID**	70011	**Alarm text**	Date/time could not be set, error code: %1,%2.
Alarm class	System				

SystemEvent_70012

General					
Name	SystemEvent_70012	**ID**	70012	**Alarm text**	Cannot exit Windows, error code: %1.
Alarm class	System				

SystemEvent_70013

General					
Name	SystemEvent_70013	**ID**	70013	**Alarm text**	Invalid input of date/time.
Alarm class	System				

SystemEvent_70014

General					
Name	SystemEvent_70014	**ID**	70014	**Alarm text**	Date/time could not be set.
Alarm class	System				

SystemEvent_70015

General					
Name	SystemEvent_70015	**ID**	70015	**Alarm text**	Date/time could not be read.
Alarm class	System				

SystemEvent_70016

General					
Name	SystemEvent_70016	**ID**	70016	**Alarm text**	Cannot select screen number %1.
Alarm class	System				

SystemEvent_70017

General					
Name	SystemEvent_70017	**ID**	70017	**Alarm text**	Area pointer 'Date/Time', PLC address error.
Alarm class	System				

SystemEvent_70018

General					
Name	SystemEvent_70018	**ID**	70018	**Alarm text**	User administration imported successfully.
Alarm class	System				

SystemEvent_70019

General					
Name	SystemEvent_70019	**ID**	70019	**Alarm text**	User administration exported successfully.
Alarm class	System				

SystemEvent_70020

General					
Name	SystemEvent_70020	**ID**	70020	**Alarm text**	Alarm reporting is activated.
Alarm class	System				

SystemEvent_70021

General					
Name	SystemEvent_70021	**ID**	70021	**Alarm text**	Alarm reporting is deactivated.

Alarm class	System

SystemEvent_70022

General					
Name	SystemEvent_70022	**ID**	70022	**Alarm text**	User administration import started.
Alarm class	System				

SystemEvent_70023

General					
Name	SystemEvent_70023	**ID**	70023	**Alarm text**	User administration export started.
Alarm class	System				

SystemEvent_70024

General					
Name	SystemEvent_70024	**ID**	70024	**Alarm text**	Error in system function 'IncreaseValue': Tag range exceeded.
Alarm class	System				

SystemEvent_70025

General					
Name	SystemEvent_70025	**ID**	70025	**Alarm text**	Error in system function 'DecreaseValue': Tag range exceeded.
Alarm class	System				

SystemEvent_70026

General					
Name	SystemEvent_70026	**ID**	70026	**Alarm text**	Cannot move back one screen. No more screens saved.
Alarm class	System				

SystemEvent_70027

General					
Name	SystemEvent_70027	**ID**	70027	**Alarm text**	Backup of the RAM file system has been started.
Alarm class	System				

SystemEvent_70028

General					
Name	SystemEvent_70028	**ID**	70028	**Alarm text**	RAM file system backup successful.
Alarm class	System				

SystemEvent_70029

General					
Name	SystemEvent_70029	**ID**	70029	**Alarm text**	Backup of the RAM file system has failed. Error code: %1.
Alarm class	System				

SystemEvent_70030

General					
Name	SystemEvent_70030	**ID**	70030	**Alarm text**	Parameter error in system function 'ChangeConnection'. Error code: %1.
Alarm class	System				

SystemEvent_70031

General					
Name	SystemEvent_70031	**ID**	70031	**Alarm text**	Error in system function 'ChangeConnection': Authorized only for S7 PLCs.
Alarm class	System				

SystemEvent_70032

General					
Name	SystemEvent_70032	**ID**	70032	**Alarm text**	Object selection with number in the tab sequence: %1 not possible.
Alarm class	System				

SystemEvent_70033

General					
Name	SystemEvent_70033	**ID**	70033	**Alarm text**	No connection to SMTP server or authentication not possible.
Alarm class	System				

SystemEvent_70034

General					
Name	SystemEvent_70034	**ID**	70034	**Alarm text**	Connection to SMTP server established.
Alarm class	System				

SystemEvent_70036

General					
Name	SystemEvent_70036	**ID**	70036	**Alarm text**	No SMTP server configured.
Alarm class	System				

SystemEvent_70037

General					
Name	SystemEvent_70037	**ID**	70037	**Alarm text**	Cannot send e-mail.
Alarm class	System				

SystemEvent_70038

General					
Name	SystemEvent_70038	**ID**	70038	**Alarm text**	Domain of recipient is unknown or authentication not possible.
Alarm class	System				

SystemEvent_70039

General					
Name	SystemEvent_70039	**ID**	70039	**Alarm text**	%1 : invalid e-mail address.
Alarm class	System				

SystemEvent_70040

General					
Name	SystemEvent_70040	**ID**	70040	**Alarm text**	%1 : invalid return address in e-mail.
Alarm class	System				

SystemEvent_70041

General					
Name	SystemEvent_70041	**ID**	70041	**Alarm text**	User administration import aborted with error.
Alarm class	System				

SystemEvent_70042

General					
Name	SystemEvent_70042	**ID**	70042	**Alarm text**	Error in system function 'LinearScaling': Tag value range exceeded.
Alarm class	System				

SystemEvent_70043

General					
Name	SystemEvent_70043	**ID**	70043	**Alarm text**	Error in system function 'InvertLinearScaling': Tag value range exceeded.
Alarm class	System				

SystemEvent_70044

General					
Name	SystemEvent_70044	**ID**	70044	**Alarm text**	One or more e-mails could not be sent. Please check the SMTP settings %1
Alarm class	System				

SystemEvent_70045

General					
Name	SystemEvent_70045	**ID**	70045	**Alarm text**	One or more encrypted e-mails could not be sent.
Alarm class	System				

SystemEvent_70046

General					
Name	SystemEvent_70046	**ID**	70046	**Alarm text**	One or more encrypted e-mails could not be sent. %1
Alarm class	System				

SystemEvent_70047

General					
Name	SystemEvent_70047	**ID**	70047	**Alarm text**	One or more encrypted e-mails could not be sent. It is not possible to establish an encrypted connection.
Alarm class	System				

SystemEvent_70048

General					
Name	SystemEvent_70048	**ID**	70048	**Alarm text**	The device '%1' can now be removed.
Alarm class	System				

SystemEvent_70049

General					
Name	SystemEvent_70049	**ID**	70049	**Alarm text**	Device '%1' cannot be stopped right now.
Alarm class	System				

SystemEvent_70050

General					
Name	SystemEvent_70050	**ID**	70050	**Alarm text**	Controller %1: The operating mode of the controller could not be set.

Alarm class	System

SystemEvent_70051

General					
Name	SystemEvent_70051	**ID**	70051	**Alarm text**	Controller %1: The operating mode of the controller could not be read.
Alarm class	System				

SystemEvent_70052

General					
Name	SystemEvent_70052	**ID**	70052	**Alarm text**	Controller %1: The system time of the controller could not be set.
Alarm class	System				

SystemEvent_80001

General					
Name	SystemEvent_80001	**ID**	80001	**Alarm text**	Log %1 is %2 percent full and must be swapped out.
Alarm class	System				

SystemEvent_80002

General					
Name	SystemEvent_80002	**ID**	80002	**Alarm text**	Error saving a line in log %1.
Alarm class	System				

SystemEvent_80003

General					
Name	SystemEvent_80003	**ID**	80003	**Alarm text**	Error copying a log to %1.
Alarm class	System				

SystemEvent_80006

General					
Name	SystemEvent_80006	**ID**	80006	**Alarm text**	ODBC(ADO) error: Cannot log to log %1.
Alarm class	System				

SystemEvent_80009

General					
Name	SystemEvent_80009	**ID**	80009	**Alarm text**	Log copied successfully.
Alarm class	System				

SystemEvent_80010

General					
Name	SystemEvent_80010	**ID**	80010	**Alarm text**	Invalid path for log %1.
Alarm class	System				

SystemEvent_80012

General					
Name	SystemEvent_80012	**ID**	80012	**Alarm text**	Logging overload - values will be lost.
Alarm class	System				

SystemEvent_80013

General					
Name	SystemEvent_80013	**ID**	80013	**Alarm text**	Logging overload status has ended.
Alarm class	System				

SystemEvent_80014

General					
Name	SystemEvent_80014	**ID**	80014	**Alarm text**	Log copy in progress, new activation ignored.
Alarm class	System				

SystemEvent_80015

General					
Name	SystemEvent_80015	**ID**	80015	**Alarm text**	%1
Alarm class	System				

SystemEvent_80016

General					
Name	SystemEvent_80016	**ID**	80016	**Alarm text**	The buffer for the log is full. Data will be rejected.
Alarm class	System				

SystemEvent_80017

General					
Name	SystemEvent_80017	**ID**	80017	**Alarm text**	The buffer for the log is full. Actions will be rejected.
Alarm class	System				

SystemEvent_80019

General					
Name	SystemEvent_80019	**ID**	80019	**Alarm text**	All logs have been closed successfully.
Alarm class	System				

SystemEvent_80020

General					
Name	SystemEvent_80020	**ID**	80020	**Alarm text**	Overload: Log copy will not be executed.
Alarm class	System				

SystemEvent_80021

General					
Name	SystemEvent_80021	**ID**	80021	**Alarm text**	Log copy in progress. Deletion not possible at present.
Alarm class	System				

SystemEvent_80022

General					
Name	SystemEvent_80022	**ID**	80022	**Alarm text**	Incorrect type. Change to next log is not possible.
Alarm class	System				

SystemEvent_80023

General					
Name	SystemEvent_80023	**ID**	80023	**Alarm text**	Source and target are identical. Log cannot be copied.
Alarm class	System				

SystemEvent_80024

General					
Name	SystemEvent_80024	**ID**	80024	**Alarm text**	Destination log not empty. Log cannot be copied.
Alarm class	System				

SystemEvent_80025

General					
Name	SystemEvent_80025	**ID**	80025	**Alarm text**	Log copy aborted by user.
Alarm class	System				

SystemEvent_80026

General					
Name	SystemEvent_80026	**ID**	80026	**Alarm text**	Log initialization ended. All logs OK.
Alarm class	System				

SystemEvent_80027

General					
Name	SystemEvent_80027	**ID**	80027	**Alarm text**	Log %1: Internal flash is not a valid storage medium.
Alarm class	System				

SystemEvent_80028

General					
Name	SystemEvent_80028	**ID**	80028	**Alarm text**	Log initialization started.
Alarm class	System				

SystemEvent_80029

General					
Name	SystemEvent_80029	**ID**	80029	**Alarm text**	Log initialization ended. %1 logs reported errors.
Alarm class	System				

SystemEvent_80030

General					
Name	SystemEvent_80030	**ID**	80030	**Alarm text**	The %1 table columns do not fit. Stopping log.
Alarm class	System				

SystemEvent_80031

General					
Name	SystemEvent_80031	**ID**	80031	**Alarm text**	A CSV log is corrupt. Please delete the file.
Alarm class	System				

SystemEvent_80032

General					
Name	SystemEvent_80032	**ID**	80032	**Alarm text**	Log %1 is already full. Event will not be triggered.
Alarm class	System				

SystemEvent_80033

General					
Name	SystemEvent_80033	**ID**	80033	**Alarm text**	Automatic DSN generation failed.
Alarm class	System				

SystemEvent_80034

General					
Name	SystemEvent_80034	**ID**	80034	**Alarm text**	Initialization error, backup generation and reset successful.
Alarm class	System				

SystemEvent_80035

General					
Name	SystemEvent_80035	**ID**	80035	**Alarm text**	Initialization error, backup generation and reset failed.
Alarm class	System				

SystemEvent_80036

General					
Name	SystemEvent_80036	**ID**	80036	**Alarm text**	Logs
Alarm class	System				

SystemEvent_80037

General					
Name	SystemEvent_80037	**ID**	80037	**Alarm text**	Copy log '%1' to '%2'.
Alarm class	System				

SystemEvent_80038

General					
Name	SystemEvent_80038	**ID**	80038	**Alarm text**	Clear content of log '%1'.
Alarm class	System				

SystemEvent_80039

General					
Name	SystemEvent_80039	**ID**	80039	**Alarm text**	Start of log '%1'.
Alarm class	System				

SystemEvent_80040

General					
Name	SystemEvent_80040	**ID**	80040	**Alarm text**	Stop of log '%1'.
Alarm class	System				

SystemEvent_80041

General					
Name	SystemEvent_80041	**ID**	80041	**Alarm text**	Change over to next log '%1'.
Alarm class	System				

SystemEvent_80042

General					
Name	SystemEvent_80042	**ID**	80042	**Alarm text**	Start Audit Trail '%1'. All GMP relevant user actions will be logged.
Alarm class	System				

SystemEvent_80043

General					
Name	SystemEvent_80043	**ID**	80043	**Alarm text**	Stop Audit Trail '%1'. No user actions will be logged.
Alarm class	System				

SystemEvent_80044

General					
Name	SystemEvent_80044	**ID**	80044	**Alarm text**	Found job ('%1') of function 'Expor-tLog' in file system, trying to complete job.
Alarm class	System				

SystemEvent_80045

General					
Name	SystemEvent_80045	**ID**	80045	**Alarm text**	Job ('%1') of function 'ExportLog' failed, retrying to complete job in %2 seconds.
Alarm class	System				

SystemEvent_80046

General					
Name	SystemEvent_80046	**ID**	80046	**Alarm text**	The destination file '%1' could not be written while exporting log '%2'.
Alarm class	System				

SystemEvent_80047

General					
Name	SystemEvent_80047	**ID**	80047	**Alarm text**	The log '%1' could not be read while exporting it.
Alarm class	System				

SystemEvent_80048

General					
Name	SystemEvent_80048	**ID**	80048	**Alarm text**	The log '%1' was successfully exported to '%2'.
Alarm class	System				

SystemEvent_80049

General					
Name	SystemEvent_80049	**ID**	80049	**Alarm text**	The log '%1' could not be renamed to '%2' while preparing to export it. The job can not be completed.
Alarm class	System				

SystemEvent_80050

General					
Name	SystemEvent_80050	**ID**	80050	**Alarm text**	The log '%1' that you want to export is not closed.
Alarm class	System				

SystemEvent_80051

General					
Name	SystemEvent_80051	**ID**	80051	**Alarm text**	The log %1 contains an invalid checksum as of line %2.
Alarm class	System				

SystemEvent_80052

General					
Name	SystemEvent_80052	**ID**	80052	**Alarm text**	Error during read access to log %1
Alarm class	System				

SystemEvent_80053

General					
Name	SystemEvent_80053	**ID**	80053	**Alarm text**	Error during read access to closed log %1
Alarm class	System				

SystemEvent_80054

General					
Name	SystemEvent_80054	**ID**	80054	**Alarm text**	Initialization of logs, determination of storage medium.
Alarm class	System				

SystemEvent_90000

General					
Name	SystemEvent_90000	**ID**	90000	**Alarm text**	Alarm
Alarm class	System				

SystemEvent_90001

General					
Name	SystemEvent_90001	**ID**	90001	**Alarm text**	Acknowledgment of alarm %1 of PLC %2.
Alarm class	System				

SystemEvent_90002

General					
Name	SystemEvent_90002	**ID**	90002	**Alarm text**	Acknowledgment of alarm %1 of PLC %2; this alarm is part of acknowledgment group %3.
Alarm class	System				

SystemEvent_90003

General					
Name	SystemEvent_90003	**ID**	90003	**Alarm text**	Signed
Alarm class	System				

SystemEvent_90004

General					
Name	SystemEvent_90004	**ID**	90004	**Alarm text**	Forced
Alarm class	System				

SystemEvent_90005

General					
Name	SystemEvent_90005	**ID**	90005	**Alarm text**	Tag
Alarm class	System				

SystemEvent_90006

General					
Name	SystemEvent_90006	**ID**	90006	**Alarm text**	Changing the tag value from '%1' to '%2'.
Alarm class	System				

SystemEvent_90007

General					
Name	SystemEvent_90007	**ID**	90007	**Alarm text**	Change cannot be made due to a limit violation.
Alarm class	System				

SystemEvent_90008

General					
Name	SystemEvent_90008	**ID**	90008	**Alarm text**	Change failed and was recalled.
Alarm class	System				

SystemEvent_90009

General					
Name	SystemEvent_90009	**ID**	90009	**Alarm text**	System
Alarm class	System				

SystemEvent_90010

General					
Name	SystemEvent_90010	**ID**	90010	**Alarm text**	WinCC Runtime %1
Alarm class	System				

SystemEvent_90011

General					
Name	SystemEvent_90011	**ID**	90011	**Alarm text**	Please confirm the following action by signing / through signature.
Alarm class	System				

SystemEvent_90012

General					
Name	SystemEvent_90012	**ID**	90012	**Alarm text**	Please confirm the following intended action with a comment.
Alarm class	System				

SystemEvent_90013

General					
Name	SystemEvent_90013	**ID**	90013	**Alarm text**	Please confirm the following intended action.
Alarm class	System				

SystemEvent_90014

General					
Name	SystemEvent_90014	**ID**	90014	**Alarm text**	<unknown object>
Alarm class	System				

SystemEvent_90015

General					
Name	SystemEvent_90015	**ID**	90015	**Alarm text**	<unknown current value>
Alarm class	System				

SystemEvent_90016

General					
Name	SystemEvent_90016	**ID**	90016	**Alarm text**	<unknown new value>
Alarm class	System				

SystemEvent_90017

General					
Name	SystemEvent_90017	**ID**	90017	**Alarm text**	Application
Alarm class	System				

SystemEvent_90018

General					
Name	SystemEvent_90018	**ID**	90018	**Alarm text**	<unknown user>
Alarm class	System				

SystemEvent_90019

General					
Name	SystemEvent_90019	**ID**	90019	**Alarm text**	Runtime start of %1 on HMI device %2. Project: '%3.%4 - %5' Build %6, created with %7
Alarm class	System				

SystemEvent_90020

General					
Name	SystemEvent_90020	**ID**	90020	**Alarm text**	New log file during run of %1 on HMI device %2. Project: '%3.%4 - %5' Build %6, created with %7.
Alarm class	System				

SystemEvent_90021

General					
Name	SystemEvent_90021	**ID**	90021	**Alarm text**	Stopping program run of %1 on device %2.
Alarm class	System				

SystemEvent_90022

General					
Name	SystemEvent_90022	**ID**	90022	**Alarm text**	Log files open again.
Alarm class	System				

SystemEvent_90023

General					
Name	SystemEvent_90023	**ID**	90023	**Alarm text**	Log files closed.
Alarm class	System				

SystemEvent_90024

General					
Name	SystemEvent_90024	**ID**	90024	**Alarm text**	No operator actions can be logged due to lack of space on the storage medium for log '%1'. The operator action will not be executed.
Alarm class	System				

SystemEvent_90025

General					
Name	SystemEvent_90025	**ID**	90025	**Alarm text**	Because of error state of the log '%1' no user actions can be logged. Therefore the user action will not be executed.
Alarm class	System				

SystemEvent_90026

General					
Name	SystemEvent_90026	**ID**	90026	**Alarm text**	No operator actions can be logged because the log is closed. The operator action will not be executed.
Alarm class	System				

SystemEvent_90027

General					
Name	SystemEvent_90027	**ID**	90027	**Alarm text**	Audit Trail
Alarm class	System				

SystemEvent_90028

General					
Name	SystemEvent_90028	**ID**	90028	**Alarm text**	The entered password is incorrect, please try again.
Alarm class	System				

SystemEvent_90029

General					
Name	SystemEvent_90029	**ID**	90029	**Alarm text**	The last known sequential number for operator actions differs from the number in the log. Continuing with a higher number %1.
Alarm class	System				

SystemEvent_90030

General					
Name	SystemEvent_90030	**ID**	90030	**Alarm text**	The last program run was not correctly exited. This may result in the loss of data.
Alarm class	System				

SystemEvent_90031

General					
Name	SystemEvent_90031	**ID**	90031	**Alarm text**	Continuing with sequential number %1 for the operator actions because the last program run was not exited correctly.
Alarm class	System				

SystemEvent_90032

General					
Name	SystemEvent_90032	**ID**	90032	**Alarm text**	Running out of space on the storage medium for log '%1'.
Alarm class	System				

SystemEvent_90033

General					
Name	SystemEvent_90033	**ID**	90033	**Alarm text**	No more space on the storage medium for log '%1'. As of now, no more operator actions requiring logging will be executed.
Alarm class	System				

SystemEvent_90034

General					
Name	SystemEvent_90034	**ID**	90034	**Alarm text**	<unknown>
Alarm class	System				

SystemEvent_90035

General					
Name	SystemEvent_90035	**ID**	90035	**Alarm text**	Shutting down application.
Alarm class	System				

SystemEvent_90036

General					
Name	SystemEvent_90036	**ID**	90036	**Alarm text**	Shutting down application due to problem with power supply.
Alarm class	System				

SystemEvent_90037

General					
Name	SystemEvent_90037	**ID**	90037	**Alarm text**	Close all logs.
Alarm class	System				

SystemEvent_90038

General					
Name	SystemEvent_90038	**ID**	90038	**Alarm text**	Open all logs.
Alarm class	System				

SystemEvent_90039

General					
Name	SystemEvent_90039	**ID**	90039	**Alarm text**	Forcing a user action requires authorization 'Administration'.
Alarm class	System				

SystemEvent_90040

General					
Name	SystemEvent_90040	**ID**	90040	**Alarm text**	Audit Trail is switched off because of a forced user action.
Alarm class	System				

SystemEvent_90041

General					
Name	SystemEvent_90041	**ID**	90041	**Alarm text**	A user action which has to be logged has been triggered without a logged on user.
Alarm class	System				

SystemEvent_90042

General					
Name	SystemEvent_90042	**ID**	90042	**Alarm text**	Exporting a log.
Alarm class	System				

SystemEvent_90043

General					
Name	SystemEvent_90043	**ID**	90043	**Alarm text**	Some information was lost when trying to write to the log previously.
Alarm class	System				

SystemEvent_90044

General					
Name	SystemEvent_90044	**ID**	90044	**Alarm text**	A user action which has to be confirmed was blocked, because there is another user action pending.
Alarm class	System				

SystemEvent_90045

General					
Name	SystemEvent_90045	**ID**	90045	**Alarm text**	Acknowledgment of alarm %1.
Alarm class	System				

SystemEvent_90046

General					
Name	SystemEvent_90046	**ID**	90046	**Alarm text**	Acknowledgment of alarm %1; this alarm is part of alarm group %2.
Alarm class	System				

SystemEvent_90047

General					
Name	SystemEvent_90047	**ID**	90047	**Alarm text**	Changing the tag value from '%1' to '%2' by entering '%3'.
Alarm class	System				

SystemEvent_90048

General					
Name	SystemEvent_90048	**ID**	90048	**Alarm text**	Printing not possible: Please stop the logging of data relevant to Audit Trail.
Alarm class	System				

SystemEvent_90049

General					
Name	SystemEvent_90049	**ID**	90049	**Alarm text**	There was an error during access to %1. The procedure was cancelled.
Alarm class	System				

SystemEvent_90050

General					
Name	SystemEvent_90050	**ID**	90050	**Alarm text**	Data logs
Alarm class	System				

SystemEvent_90051

General					
Name	SystemEvent_90051	**ID**	90051	**Alarm text**	Alarm logs
Alarm class	System				

SystemEvent_90052

General					
Name	SystemEvent_90052	**ID**	90052	**Alarm text**	Change of the tag value '%1' from '%2' to '%3'.
Alarm class	System				

SystemEvent_90053

General					
Name	SystemEvent_90053	**ID**	90053	**Alarm text**	Change of the tag value '%1' from '%2' to '%3' by entering '%4'.
Alarm class	System				

SystemEvent_90054

General					
Name	SystemEvent_90054	**ID**	90054	**Alarm text**	Change to tag %1 cannot be made due to a limit violation.
Alarm class	System				

SystemEvent_90055

General					
Name	SystemEvent_90055	**ID**	90055	**Alarm text**	Change of the tag %1 failed and was recalled.
Alarm class	System				

SystemEvent_90056

General					
Name	SystemEvent_90056	**ID**	90056	**Alarm text**	The recipe import could not be executed. %1 does not contain a checksum.
Alarm class	System				

SystemEvent_90057

General					
Name	SystemEvent_90057	**ID**	90057	**Alarm text**	The recipe import could not be executed. %1 contains an invalid checksum as of line %2.
Alarm class	System				

SystemEvent_90058

General					
Name	SystemEvent_90058	**ID**	90058	**Alarm text**	The verification of the checksum for file %1 during recipe import was successful.
Alarm class	System				

SystemEvent_9999

General					
Name	SystemEvent_9999	**ID**	9999	**Alarm text**	Global: Unknown error %1,%2,%3,%4,%5,%6,%7,%8,%9.
Alarm class	System				

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN]

Recipes

This folder is empty.

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / Historical data

Datalogs

This folder is empty.

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / Historical data

AlarmLogs

This folder is empty.

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN]

Scheduled tasks

This folder is empty.

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / Text and graphic lists

Text lists

TextList_OriginalScreenNames

Name	TextList_OriginalScreenNames	List range	Value/Range	Comment	

Value: 1

Entry type	Single value	Text	Root screen

Value: 2

Entry type	Single value	Text	Stjórn dælu

Value: 3

Entry type	Single value	Text	Húskerfi

Value: 4

Entry type	Single value	Text	Aðvörunarlisti

TextList_ScreenNames

Name	TextList_ScreenNames	List range	Value/Range	Comment	

Value: 1

Entry type	Single value	Text	Root screen

Value: 2

Entry type	Single value	Text	Stjórn dælu

Value: 3

Entry type	Single value	Text	Húskerfi

Value: 4

Entry type	Single value	Text	Aðvörunarlisti

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / Text and graphic lists

Graphic lists

This folder is empty.

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / User administration

User

Administrator

General			
Name	Administrator	**Number**	1
Automatic logoff			
Automatic logoff	Enabled	**Logoff time**	5
Comment			
Comment	The user 'Administrator' is assigned to the 'Administrator' group.		
Groups			
Groups	Administrator group;		

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / User administration

Groups

Administrator group

General					
Name	Administrator group	**Display name**	Administrator group	**Number**	1
Password aging	Disabled				
Comment					
Comment	The 'Administrator' group is initially granted all rights.				
Authorizations					
Authorizations	User administration; Monitor; Operate;				

Users

General					
Name	Users	**Display name**	Users	**Number**	2
Password aging	Disabled				
Comment					
Comment	The 'Users' group is initially granted 'Operating' rights.				
Authorizations					
Authorizations	Operate;				

Lokaverkefni_02_11_19 / HMI_1 [KTP700 Basic PN] / User administration

Authorizations

Monitor

General					
Name	Monitor	**Authorization**	Monitor	**Authorization number**	2
Comment					
Comment	'Monitor' authorization.				

Operate

General					
Name	Operate	**Authorization**	Operate	**Authorization number**	3
Comment					
Comment	'Operate' authorization.				

User administration

General					
Name	User administration	**Authorization**	User administration	**Authorization number**	1
Comment					
Comment	Authorization 'User administration' for managing users in the user view in Runtime.				

Lokaverkefni_02_11_19

Ungrouped devices

This folder is empty.

Lokaverkefni_02_11_19

Security settings

This folder is empty.

Lokaverkefni_02_11_19 / Common data

Alarm classes

Alarm classes			
Name	**Display name**	**Acknowledgment**	**Priority**
Acknowledgement	A	True	0
No Acknowledgement	NA	False	0

Lokaverkefni_02_11_19 / Common data

Logs

This folder is empty.

Lokaverkefni_02_11_19 / Common data

Styles

This folder is empty.

Lokaverkefni_02_11_19 / Languages & resources

Project languages

Languages
Reference language
English (United States)

Editing language
English (United States)

Other project languages
Empty

Lokaverkefni_02_11_19 / Languages & resources / Project texts

Project texts

Project texts		
English (United States)	**Category**	**Reference**
	Alarm class text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\alarmclass name not set \ShortName
	Alarm class text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\alarmclass name not set_1\ShortName
	Alarm class text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\System\alarmclass name not set_2\ShortName
	Alarm class text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\alarmclass name not set_3\ShortName
	Alarm class text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\alarmclass name not set_4\ShortName
	Alarm class text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\\ShortName
	Alarm class text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\\Short-Name
	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\alarmclass name not set_1\AlarmClassData_IDisplayNaming_DisplayName
	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\\AlarmClass-Data_IDisplayNaming_DisplayName
	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\\Alarm-ClassData_IDisplayNaming_DisplayName
	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Button_1\Text OFF
	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Button_1\Text ON
	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Button_2\Text OFF
	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Button_2\Text ON
	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Button_3\Text ON
	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Button_3\Text OFF
	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Button_4\Text ON
	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Button_4\Text OFF
	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Button_5\Text ON
	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Button_5\Text OFF
!	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\alarmclass name not set \AlarmClassData_IDisplayNaming_DisplayName
!!	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\alarmclass name not set_4\AlarmClassData_IDisplayNaming_DisplayName
"Main Program Sweep (Cycle)"	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\Block title
$	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\System\alarmclass name not set_2\AlarmClassData_IDisplayNaming_DisplayName
%	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Text field_10\Text
1:Initial call of the OB, 3: Call 2-n of the OB	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\SCAN_1
A	Alarm class text	Lokaverkefni_02_11_19\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
A	Alarm class text	Lokaverkefni_02_11_19\Acknowledgement\ShortName
A	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\AcknowledgedText
A	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\AcknowledgedText
A	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\System\AcknowledgedText
A	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\Acknowledg-edText
A	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\Acknowledg-edText
A	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\Acknowl-edgedText
A	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\Ac-knowledgedText
A	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_19\Text
Activates remote authorization for the use of client-server scenarios.	HMI comment	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\Enable remote control \Comment
Active system events	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screen management\Global screen\System events\Label
Administrator group	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\Administrator group \DisplayName
Aðvörunarlisti	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_Screen-Names\Text_list_entry_4\Text
Aðvörunarlisti	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_Original-ScreenNames\Text_list_entry_4\Text
Aðvörunarlisti	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Tem-plate_1\Template_Button_3\Text OFF
Aðvörunarlisti	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Tem-plate_1\Template_Button_3\Text ON
Aflnotkun	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_14\Text
Authorization 'User administration' for manag-ing users in the user view in Runtime.	HMI comment	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\User administration \Comment
Bilun	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_8\Text
Bilun	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Text field_11\Text
Bits 0-3 = 1:Coming event, Bits 4-7 = 1:Event class 1	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\EV_CLASS
Compact PID_Controller with self-tuning	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\System blocks\Program re-sources\PID_Compact [FB1130]\Block title
configuration data set	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_Com-pactConfig\Title of the PLC data type
controling parameter set	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_Com-pactControlParams\Title of the PLC data type
data for controling part	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_Com-pactControl\Title of the PLC data type

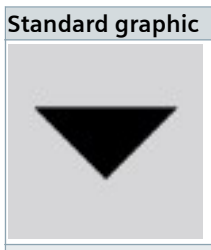
English (United States)	Category	Reference
data for estimation of deviance	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_StandardDeviation\Title of the PLC data type
data for scaling	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_Scaling\Title of the PLC data type
data set for cycle time estimation	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_CycleTime\Title of the PLC data type
data set for self tuning	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_CompactSelfTune\Title of the PLC data type
data set for start up tuning	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_Compact_SUT\Title of the PLC data type
data set for tuning in run	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_Compact_TIR\Title of the PLC data type
dataset of parameters for gradient estimation	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_GradientParams\Title of the PLC data type
Date and time OB started	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\DATE_TIME
Dæluhús 41	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\Network 1\Title
Gangur dælu	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Text field_6\Text
Handvirkt	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_4\Text
Há viðvörun Hiti dæluhúsi	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Analog_alarm_1\Alarm text
Há viðvörun Hiti framrás	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Analog_alarm_3\Alarm text
Há viðvörun Raki dæluhúsi	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Analog_alarm_7\Alarm text
Há viðvörun Þrýstingur framrás	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Analog_alarm_5\Alarm text
Hiti °C	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Húskerfi\Text field_1\Text
Hiti í framrás °C	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Text field_2\Text
Hurð opin	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Húskerfi\Text field_5\Text
Húskerfi	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_ScreenNames\Text_list_entry_3\Text
Húskerfi	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames\Text_list_entry_3\Text
Húskerfi	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_2\Text OFF
Húskerfi	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_2\Text ON
Hz	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_18\Text
I	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\ComingText
I	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\ComingText
I	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\System\ComingText
I	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\ComingText
I	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\ComingText
I	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\ComingText
I	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\ComingText
Inngangsmerki fyrir viðvaranir	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Rv-41 [FC2]\Network 2\Title
IO	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\ComingGoingText
IO	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\ComingGoingText
IO	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\System\ComingGoingText
IO	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\ComingGoingText
IO	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\ComingGoingText
IO	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\ComingGoingText
IO	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\ComingGoingText
Í gangi	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_10\Text
KW	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_20\Text
l/s	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Text field_8\Text
l/s	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Text field_9\Text
Lá viðvörun Hiti dæluhúsi	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Analog_alarm_2\Alarm text
Lá viðvörun Hiti framrás	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Analog_alarm_4\Alarm text
Lá viðvörun Raki dæluhúsi	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Analog_alarm_8\Alarm text
Lá viðvörun Þrýstingur framrás	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Analog_alarm_6\Alarm text
Maximum program cycle time (milliseconds)	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\MAX_CYCLE
Minimum program cycle time (milliseconds)	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\MIN_CYCLE
Monitor	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\Monitor\ShortName
'Monitor' authorization.	HMI comment	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\Monitor\Comment
NA	Alarm class text	Lokaverkefni_02_11_19\No Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
NA	Alarm class text	Lokaverkefni_02_11_19\No Acknowledgement\ShortName
O	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Errors\GoingText
O	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Warnings\GoingText
O	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\System\GoingText
O	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\GoingText
O	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Safety warnings\GoingText
O	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Acknowledgement\GoingText
O	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\No Acknowledgement\GoingText
OB number	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\OB_NUMBR
Operate	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\Operate\ShortName
'Operate' authorization.	HMI comment	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\Operate\Comment
Óskgildi	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Text field_4\Text
Pending alarms	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screen management\Global screen\Alarm window_Pending\Label
Previous program cycle time (milliseconds)	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\PREV_CYCLE
Priority of OB Execution	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\PRIORITY
QGR	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Runtime settings\HmiAlarmSettingsData\AcknowledgementGroupText
Raki %	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Húskerfi\Text field_2\Text

English (United States)	Category	Reference
Raungildi	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Text field_5\Text
Reglir Rennsli í framrás	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Text field_7\Text
Reserved for system	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\RESERVED_1
Reserved for system	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Main [OB1]\RESERVED_2
retain data	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_CompactRetain\Title of the PLC data type
Reyskynjari á	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Húskerfi\Text field_3\Text
Root screen	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_ScreenNames\Text_list_entry_1\Text
Root screen	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames\Text_list_entry_1\Text
Ræsiháttur	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_2\Text
Ræsing dælu sjálfvirkt og handvirkt	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Rv-41 [FC2]\Network 3\Title
Ræsing viftu	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Rv-41 [FC2]\Network 4\Title
S7	Alarm text	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\HMI alarms\Diagnosis events\alarmclass name not set_3\AlarmClassData_IDisplayNaming_DisplayName
Sjálfvirkt	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_3\Text
Skipun	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_5\Text
Skölun á mældum gildum yfir í raungildi	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\Program blocks\Rv-41 [FC2]\Network 1\Title
Smurvatnsliði á	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Text field_1\Text
Staða	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_11\Text
Start	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_6\Text
Stjórn dælu	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_ScreenNames\Text_list_entry_2\Text
Stjórn dælu	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames\Text_list_entry_2\Text
Stjórn dælu	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_1\Text OFF
Stjórn dælu	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_1\Text ON
Stjórnborð dælu	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_1\Text
Stopp	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_7\Text
Stopp	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_9\Text
Straumnotkun	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_13\Text
structure for gradient estimation	Block comment	Lokaverkefni_02_11_19\PLC_1 [CPU 1515-2 PN]\PLC data types\System data types\PID_GradientEstimation\Title of the PLC data type
Text	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_4\Text ON
Text	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Button_1\Text ON
The 'Administrator' group is initially granted all rights.	HMI comment	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\Administrator group\Comment
The user 'Administrator' is assigned to the 'Administrator' group.	HMI comment	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\Administrator\Comment
The 'Users' group is initially granted 'Operating' rights.	HMI comment	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\Users\Comment
Til baka	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screen management\Templates\Template_1\Template_Button_4\Text OFF
Tíðni	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Text field_12\Text
Unacknowledged alarms	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screen management\Global screen\Alarm window_Unacknowledged\Label
User administration	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\User administration\ShortName
Users	HMI runtime	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\Users\DisplayName
Vatnsliði viðvörun	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Húskerfi\Text field_4\Text
Vifta í gangi	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Húskerfi\Text field_6\Text
Web access - view only. Authorization for the use of Web Navigator and for client-server systems.	HMI comment	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\User administration\Web access - view only\Comment
X	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Dæla start/stopp\Button_1\Text OFF
Þrýstingur í framrás (bar)	HMI screen	Lokaverkefni_02_11_19\HMI_1 [KTP700 Basic PN]\Screens\Stjórn dælu\Text field_3\Text

Lokaverkefni_02_11_19 / Languages & resources

Project graphics

Down_Arrow

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Graphic_1

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Graphic_2

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

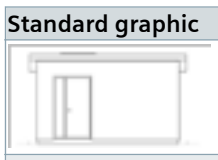
Graphic_3

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

Home

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

húsið

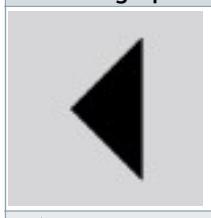
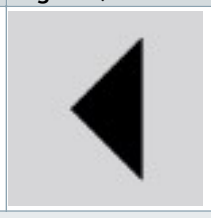
Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled

húsið_1

Standard graphic	English (United States)
	
Dithering mode	
Same color	Same color

Standard graphic	English (United States)
▸ *Smoothing*	
Disabled	Disabled

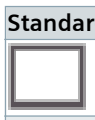
Left_Arrow

Standard graphic	English (United States)
	
▸ *Dithering mode*	
Same color	Same color
▸ *Smoothing*	
Disabled	Disabled

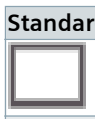
Logo of HMI_1

Standard graphic	English (United States)
SIEMENS SIMATIC HMI	SIEMENS SIMATIC HMI
▸ *Dithering mode*	
Same color	Same color
▸ *Smoothing*	
Disabled	Disabled

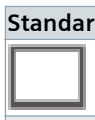
Navigates to Aðvörunarlisti for KTP700 Basic+ PN 15.1.0.0

Standard graphic	English (United States)
	
▸ *Dithering mode*	
Same color	Same color
▸ *Smoothing*	
Disabled	Disabled

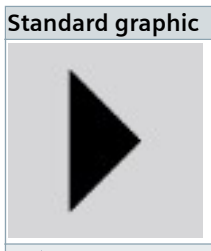
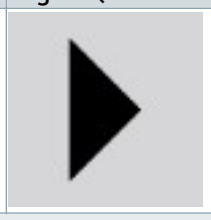
Navigates to Húskerfi for KTP700 Basic+ PN 15.1.0.0

Standard graphic	English (United States)
	
▸ *Dithering mode*	
Same color	Same color
▸ *Smoothing*	
Disabled	Disabled

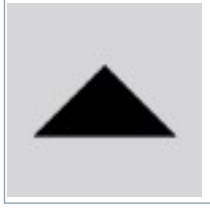
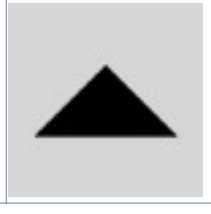
Navigates to Stjórn dælu for KTP700 Basic+ PN 15.1.0.0

Standard graphic	English (United States)
	
▸ *Dithering mode*	
Same color	Same color
▸ *Smoothing*	
Disabled	Disabled

Right_Arrow

Standard graphic	English (United States)
	
▸ *Dithering mode*	
Same color	Same color
▸ *Smoothing*	
Disabled	Disabled

Up_Arrow

Standard graphic	English (United States)
	

Standard graphic	English (United States)
Dithering mode	
Same color	Same color
Smoothing	
Disabled	Disabled