

## Pluto 3 Communication

1

Start

2

0

Ext\_Sig  
**NonSafe**

VarNo

P3\_ResetCryHigh  
M3.19

Q

PostClear

3

1

Ext\_Sig  
**NonSafe**

VarNo

P3\_ResetCryLow  
M3.39

Q

PostClear

4

2

Ext\_Sig  
**NonSafe**

VarNo

P3\_CryHeatPermBlockSet  
M3.50

Q

PostClear

5

3

Ext\_Sig  
**NonSafe**

VarNo

P3\_CryHeatPermBlockReset  
M3.52

Q

PostClear

6

4

Ext\_Sig  
**NonSafe**

VarNo

P3\_CryRefPermBlockSet  
M3.56

Q

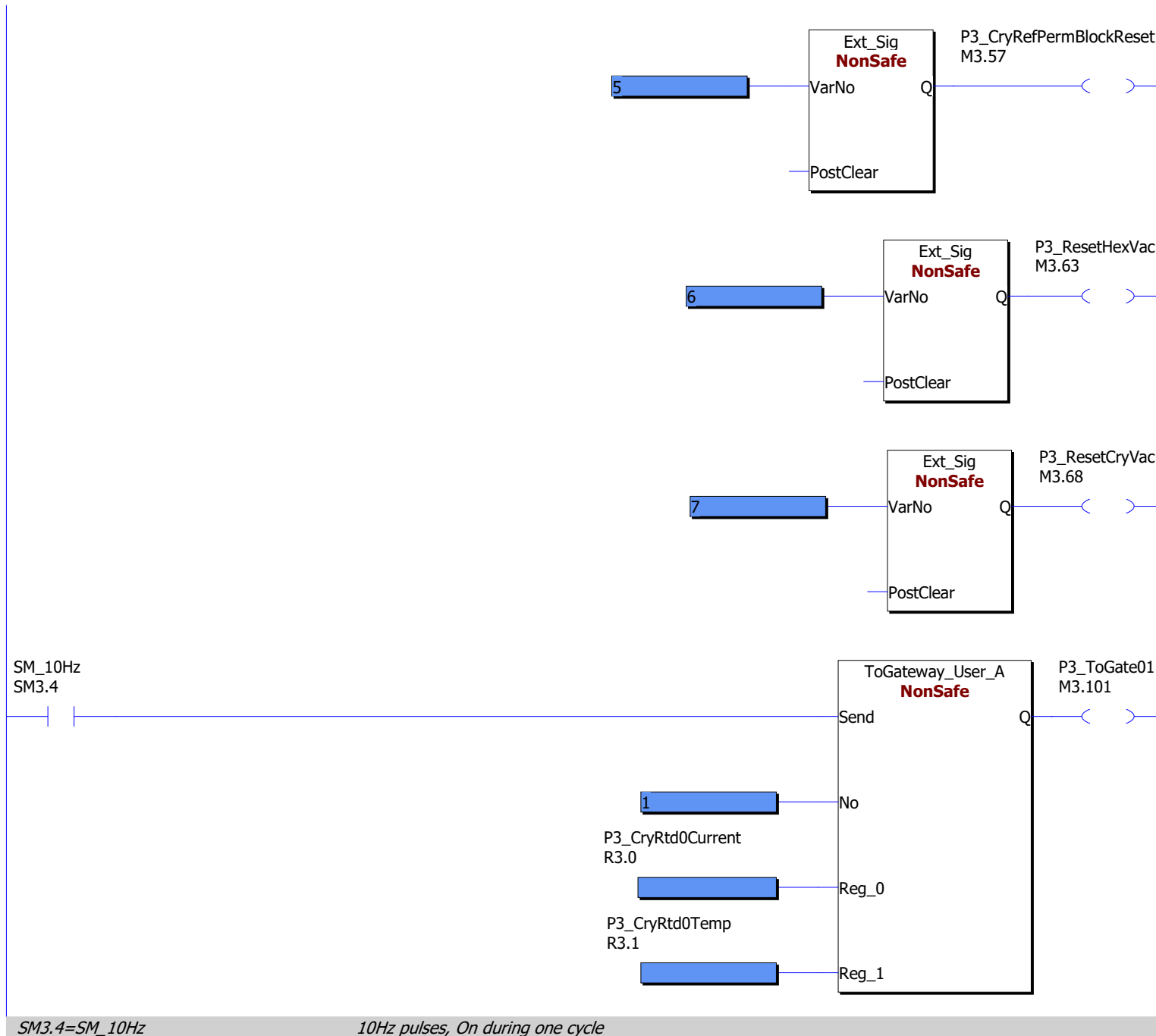
PostClear

# Pluto Manager - Program listing Pluto 3 Communication

File=C:\Users\joaoprod\Documents\GitHub\IstCamProtPLCs\firmware\master\_ps\_01.sps

Name=<FILENAME>

File date=10/26/2018 8:37:44 PM Print date=10/26/2018 8:39:01 PM PLC CRC=2405

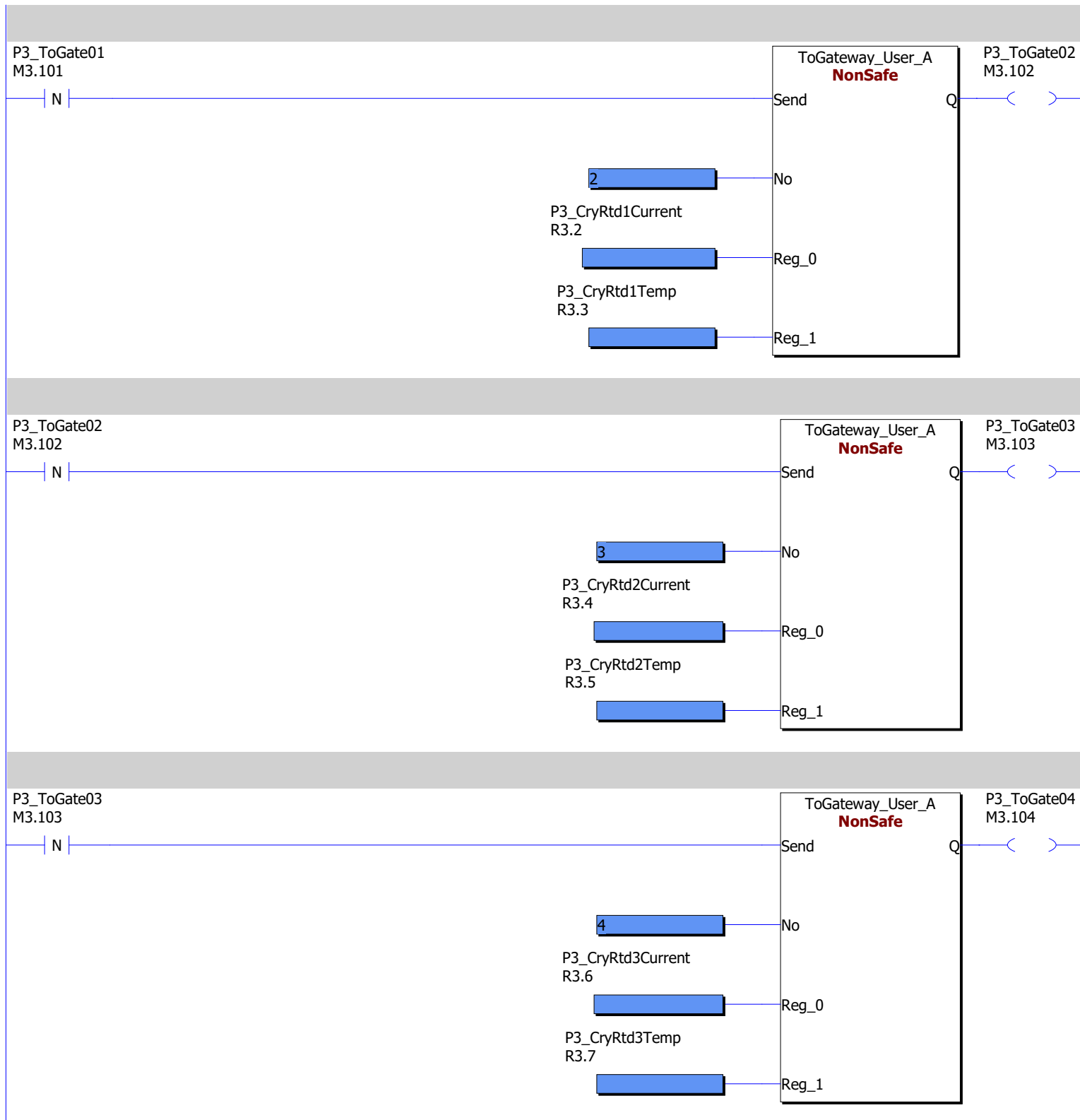


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File=C:\Users\joaoprod\Documents\GitHub\IstCamProtPLCs\firmware\master\_ps\_01.sps

Name=<FILENAME>

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14

P3\_ToGate04  
M3.104

ToGateway\_User\_A  
**NonSafe**

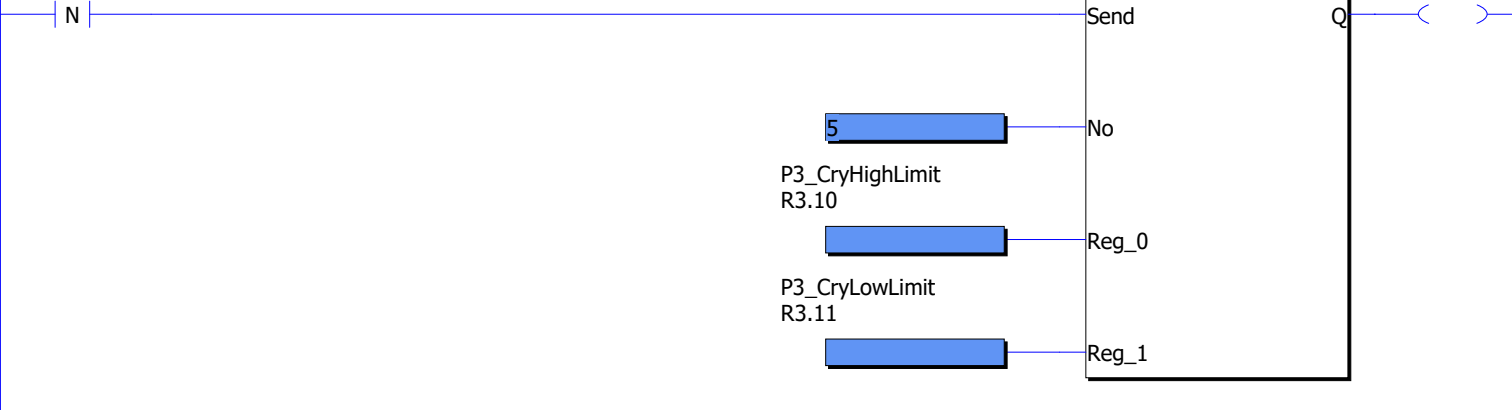
Send

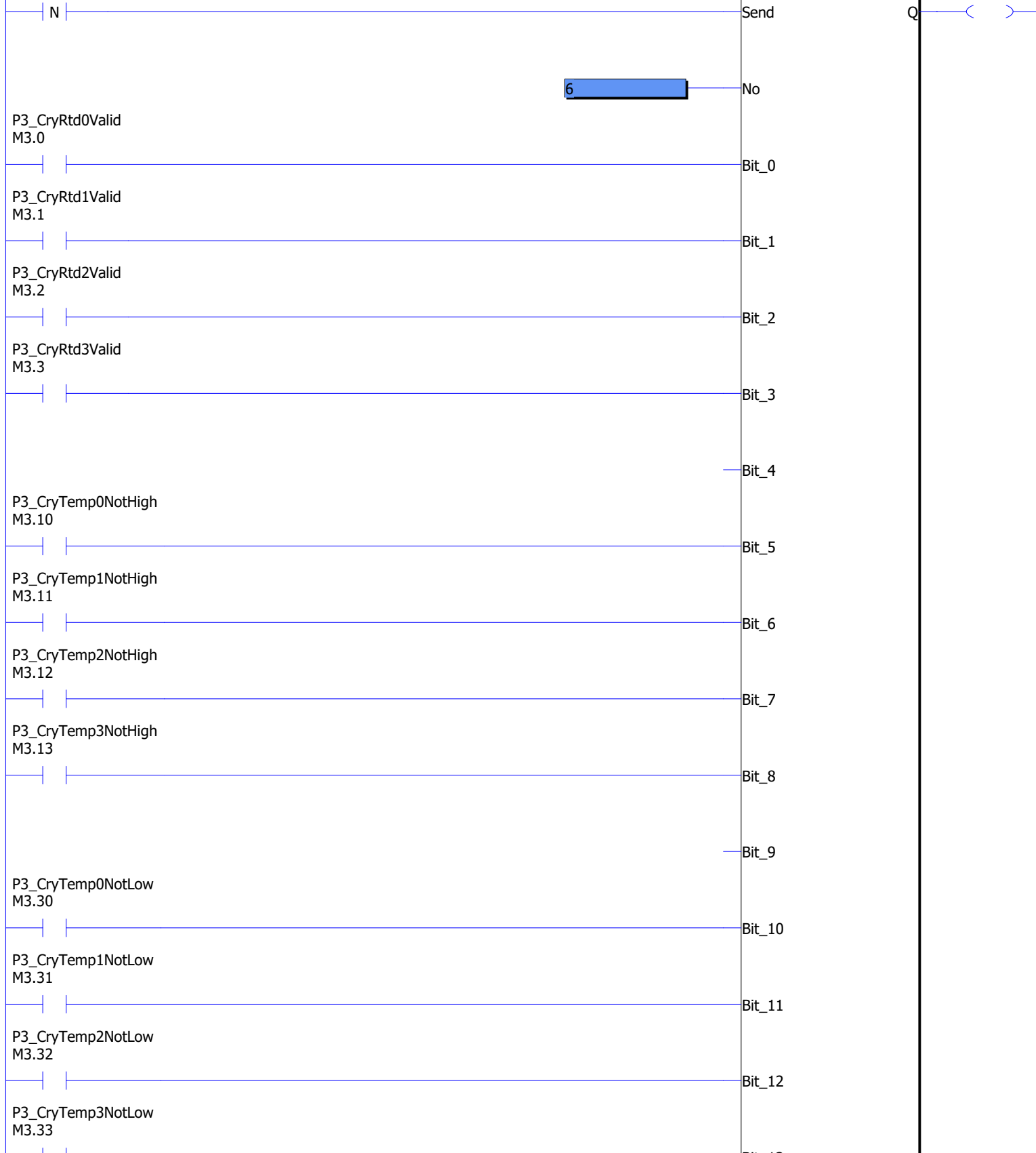
No

Reg\_0

Reg\_1

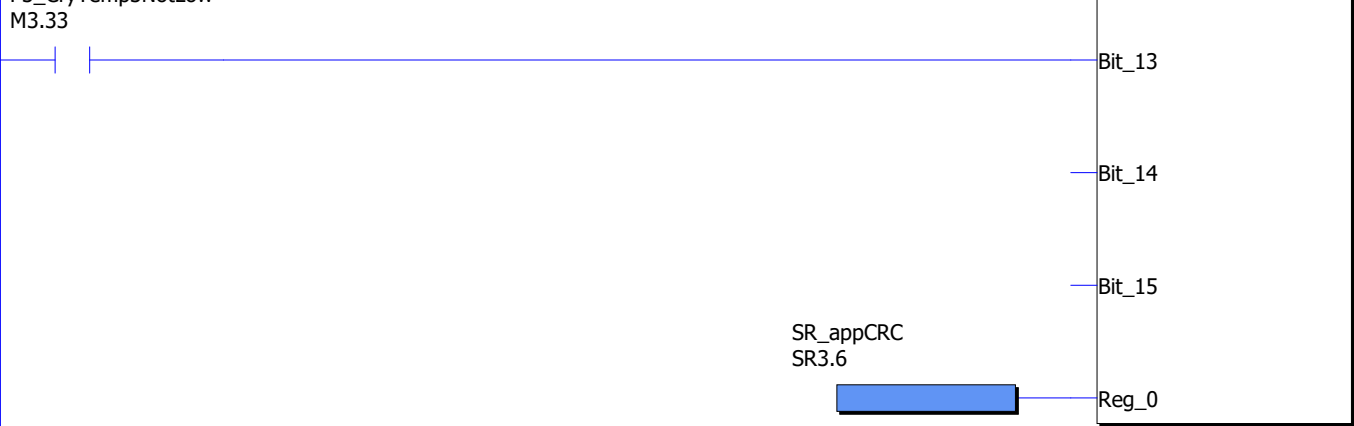
P3\_ToGate05  
M3.105







Network 15 continued / 2A



M3.0=P3_CryRtd0Valid	CryRTD0Valid
M3.1=P3_CryRtd1Valid	CryRTD1Valid
M3.10=P3_CryTemp0NotHigh	CryTemp0NotHigh
M3.11=P3_CryTemp1NotHigh	CryTemp1NotHigh
M3.12=P3_CryTemp2NotHigh	CryTemp2NotHigh
M3.13=P3_CryTemp3NotHigh	CryTemp3NotHigh
M3.2=P3_CryRtd2Valid	CryRTD2Valid
M3.3=P3_CryRtd3Valid	CryRTD3Valid
SR3.6=SR_appCRC	PLC application CRC

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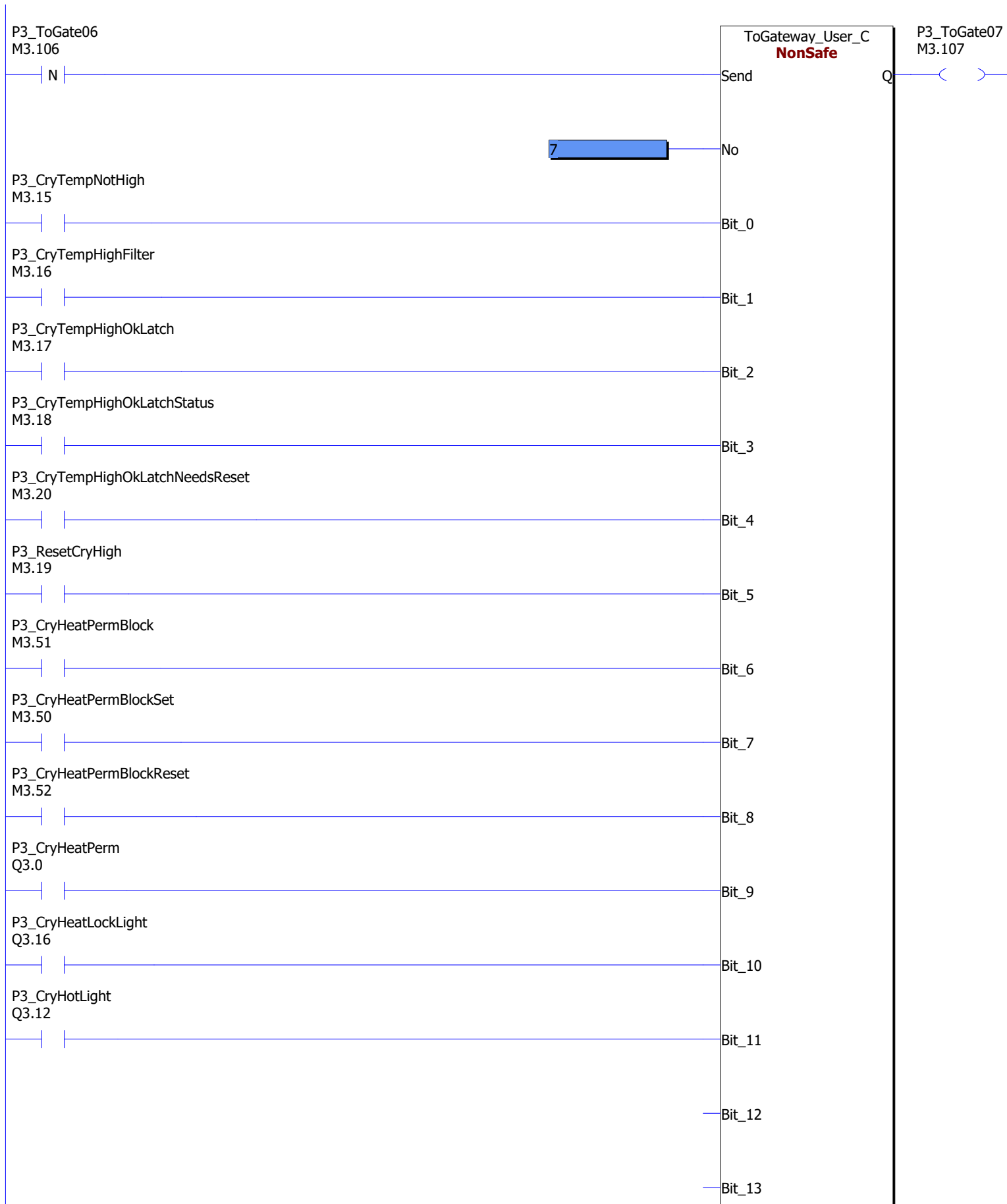
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Name=<FILENAME>

File date=10/26/2018 8:37:44 PM Print date=10/26/2018 8:39:01 PM PLC CRC=2405

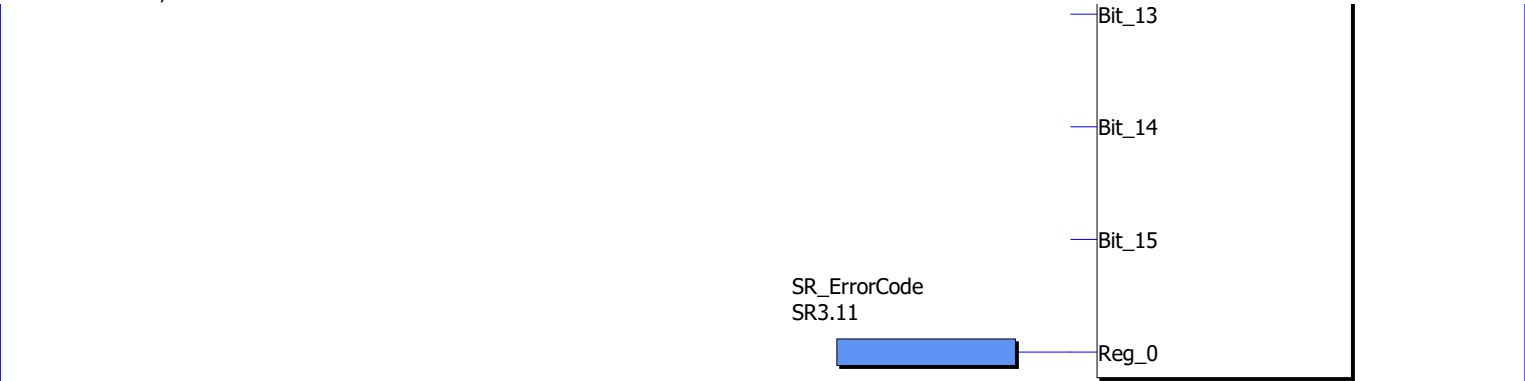


16





Network 16 continued / 2A



Q3.16=P3\_CryHeatLockLight

Cry Heat Lock Indicator

SR3.11=SR\_ErrorCode

Error code



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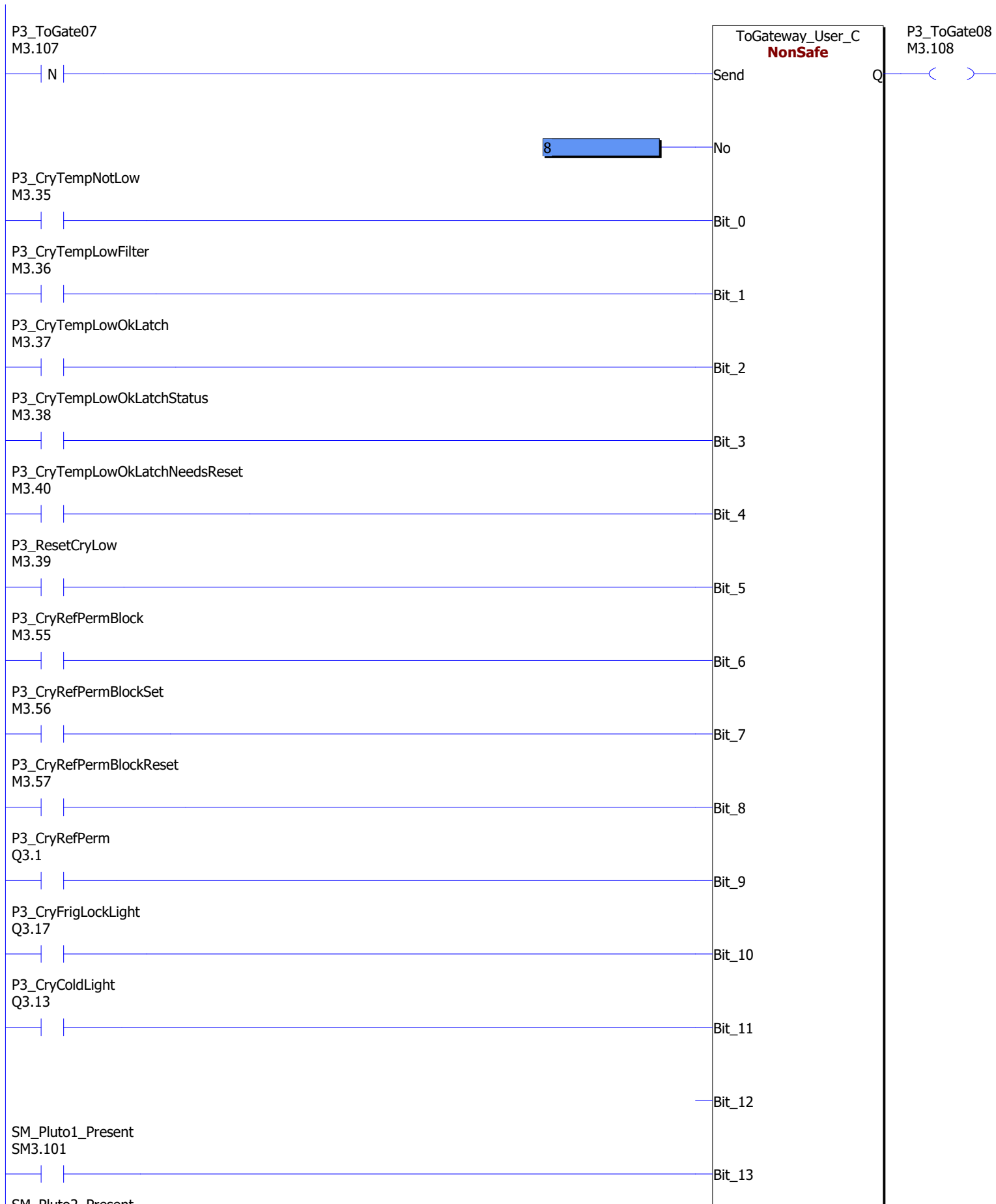
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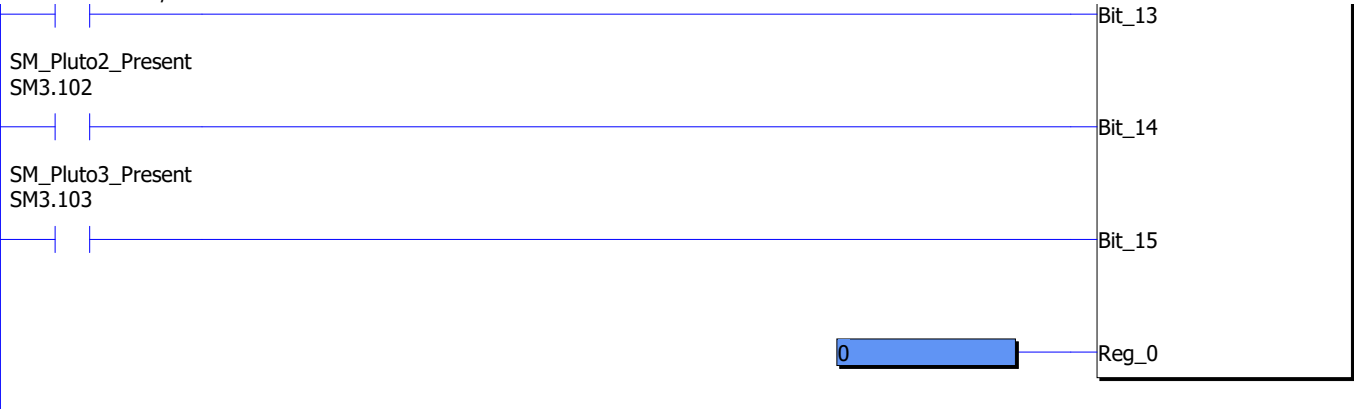


17





Network 17 continued / 2A



<i>Q3.13=P3_CryColdLight</i>	<i>MPM Active Indicator</i>
<i>Q3.17=P3_CryFrigLockLight</i>	<i>Cry Frig Lock Indicator</i>
<i>SM3.101=SM_Pluto1_Present</i>	<i>Pluto #1 is present</i>
<i>SM3.102=SM_Pluto2_Present</i>	<i>Pluto #2 is present</i>
<i>SM3.103=SM_Pluto3_Present</i>	<i>Pluto #3 is present</i>

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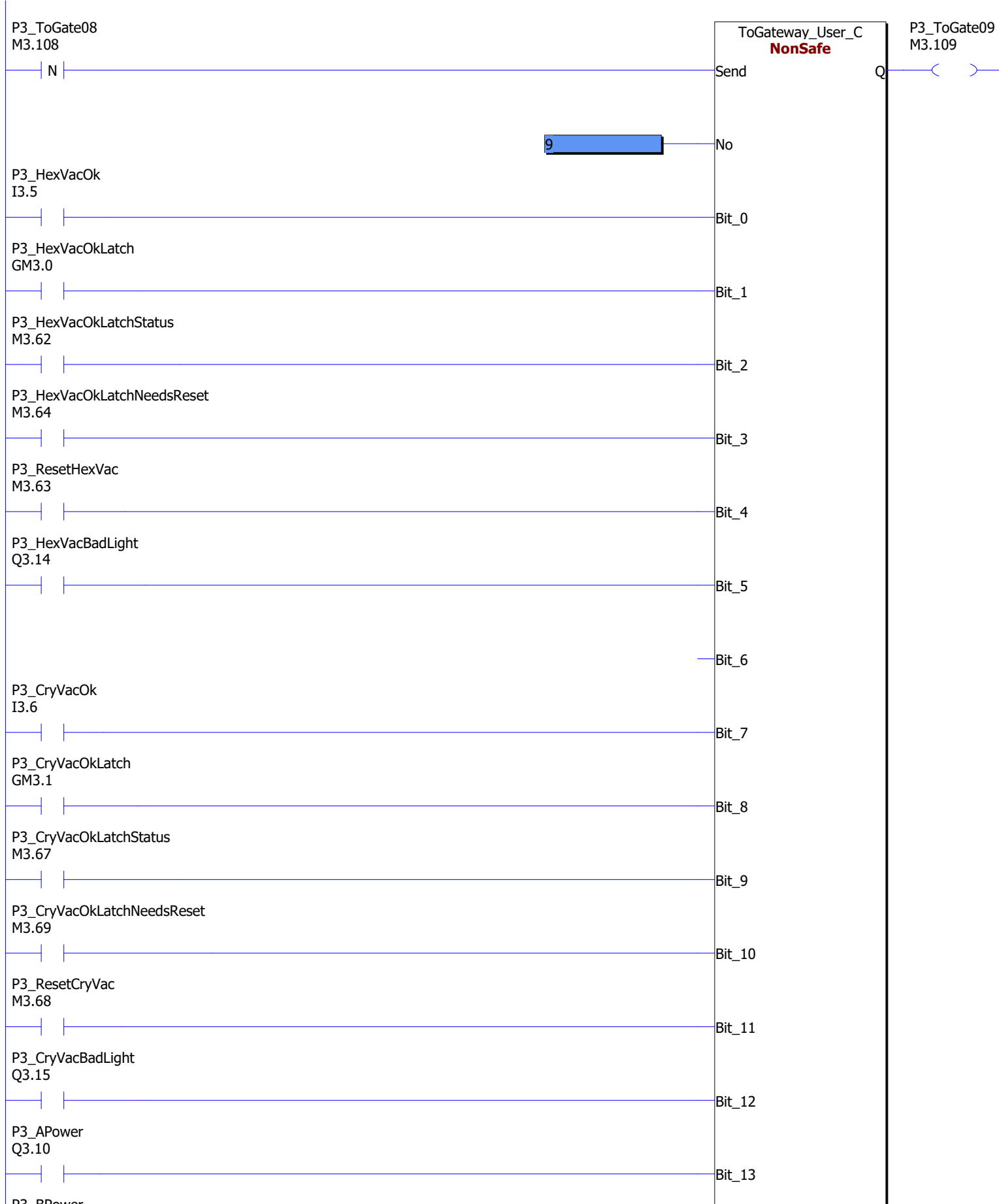
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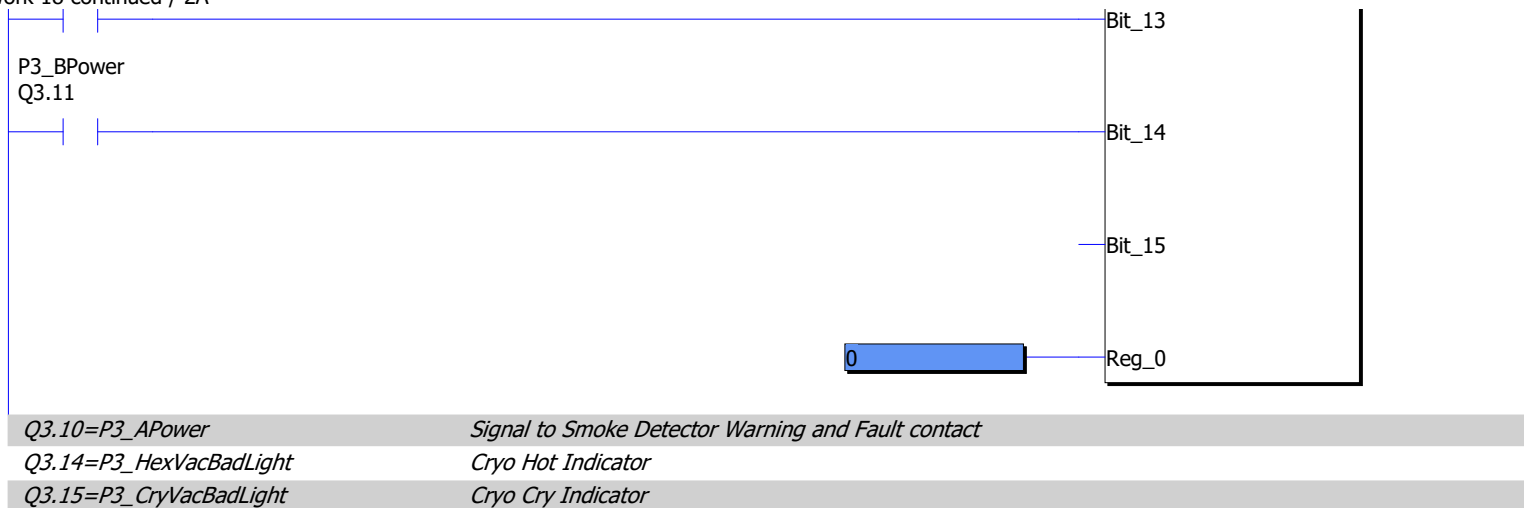
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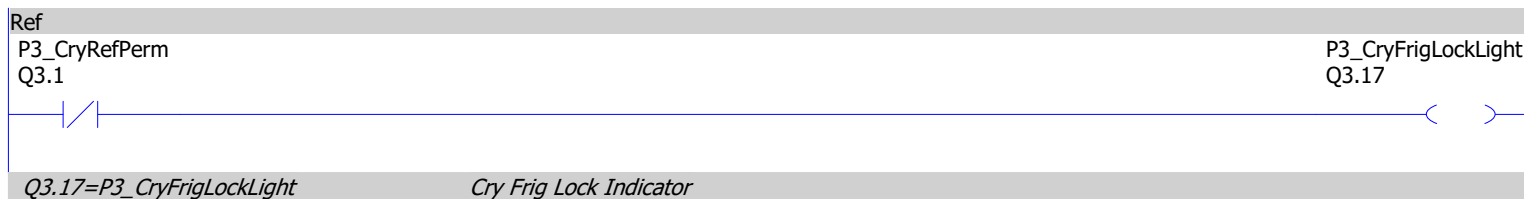
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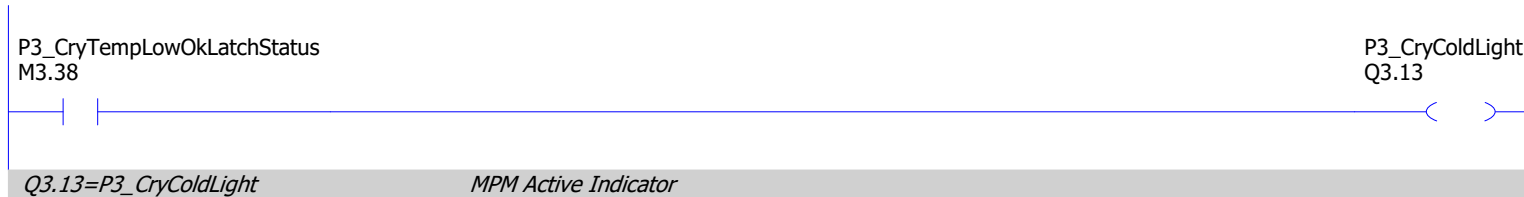
Network 18 continued / 2A



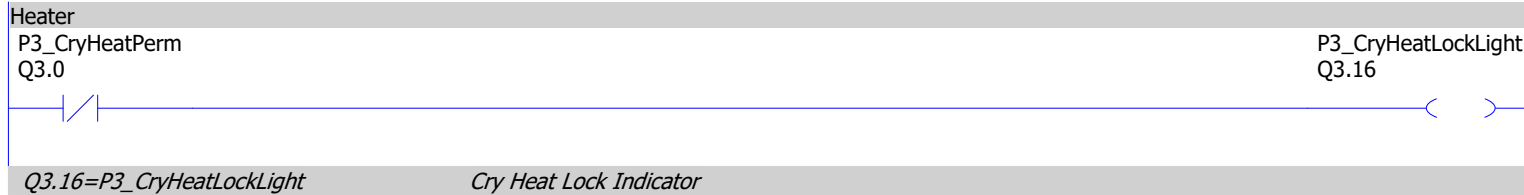
19



20



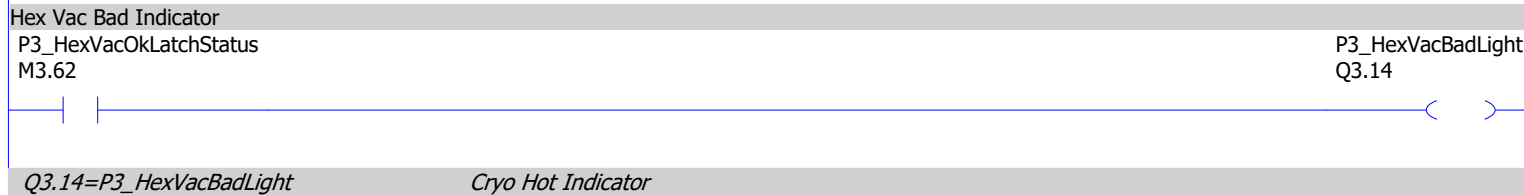
21



22



23





24

