

# Pluto 0 Logic

1

**Start**

2

10 s filter on the VHX-UTT-GCC-00 Relay 2 (&lt;0.001 Torr NO)

HV0001  
I0.40HVInterlockHigh  
M0.15*I0.40=HV0001**VHX-UTT-GCC-00 Relay 2 (<0.001 Torr NO)*

3

SM\_1Hz  
SM0.3HVInterlockHigh  
M0.15

Upcount

HVInterlockHighFilter  
M0.17

CU

Q

Reset

10

Value

*SM0.3=SM\_1Hz**1Hz pulses, On during one cycle*

4

HV Permit to Ref

HVInterlockHighFilter  
M0.17HVStatBlock  
M0.26HVStatLatchReset  
M0.23

StartT

In1

Q

HVStat  
Q0.1

Start

IndReset

HVInterlockHighLatchStatus  
M0.21

Test

*Q0.1=HVStat**HEX-Can Vacuum Status PRT-UTT-PLC-03/15*

5

HVInterlockHighFilter  
M0.17HVStatBlock  
M0.26HVStat  
Q0.1HVInterlockHighLatchNeedsReset  
M0.84*Q0.1=HVStat**HEX-Can Vacuum Status PRT-UTT-PLC-03/15*

6

10 s filter on the VCR UTT-GCC-00 Relay 2 (&lt;0.001 Torr NO)

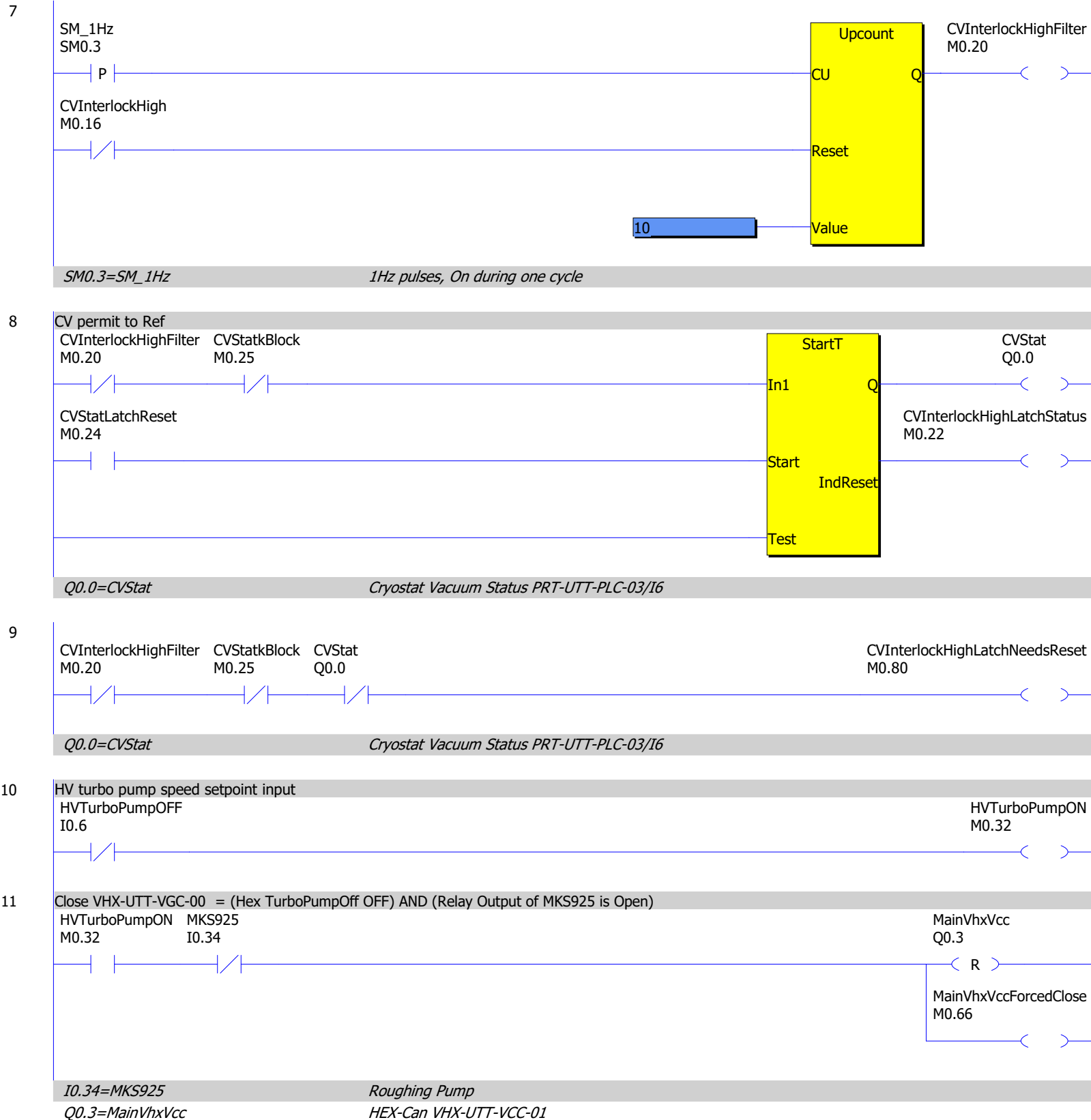
CV0001  
I0.36CVInterlockHigh  
M0.16*I0.36=CV0001**VCR-UTT-GCC-00 Relay 2 (<0.001 Torr NO)*

# Pluto Manager - Program listing Pluto 0 Logic

File=C:\Users\joaoprod\Documents\GitHub\IstCamVacPLC\firmware\vaccum\_ps\_01.sps

Name=<FILENAME>

File date=10/25/2018 2:29:09 PM Print date=10/25/2018 2:29:23 PM PLC CRC=E75B

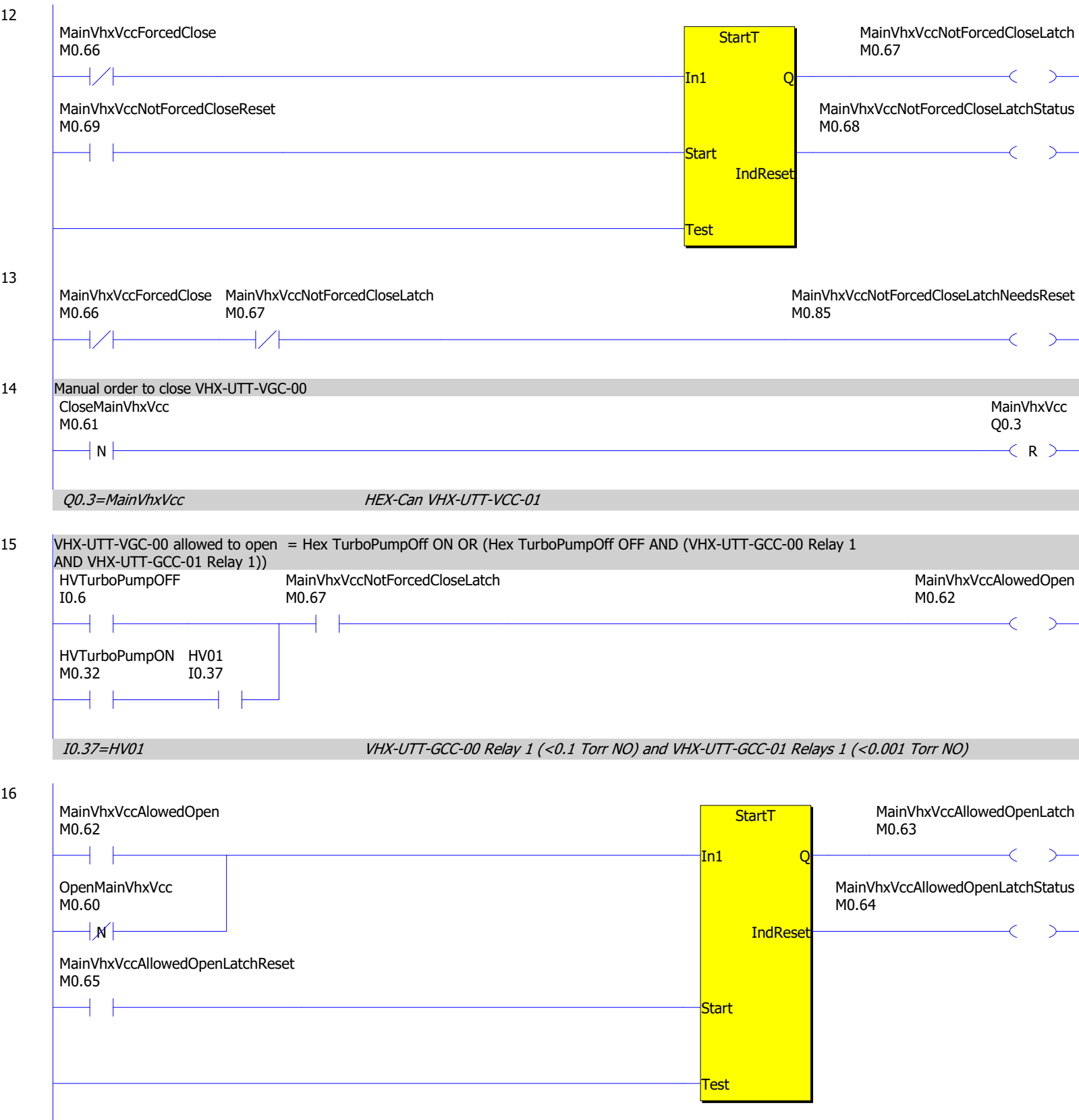


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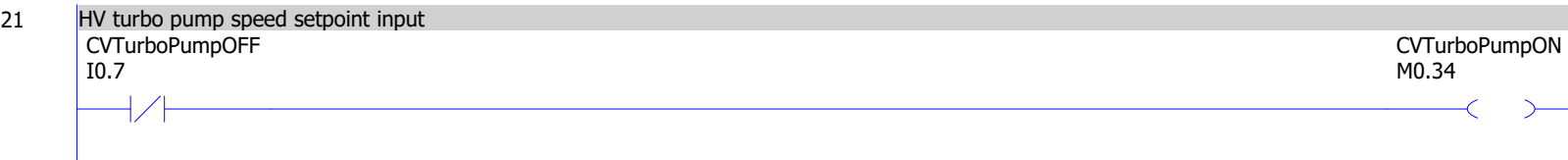
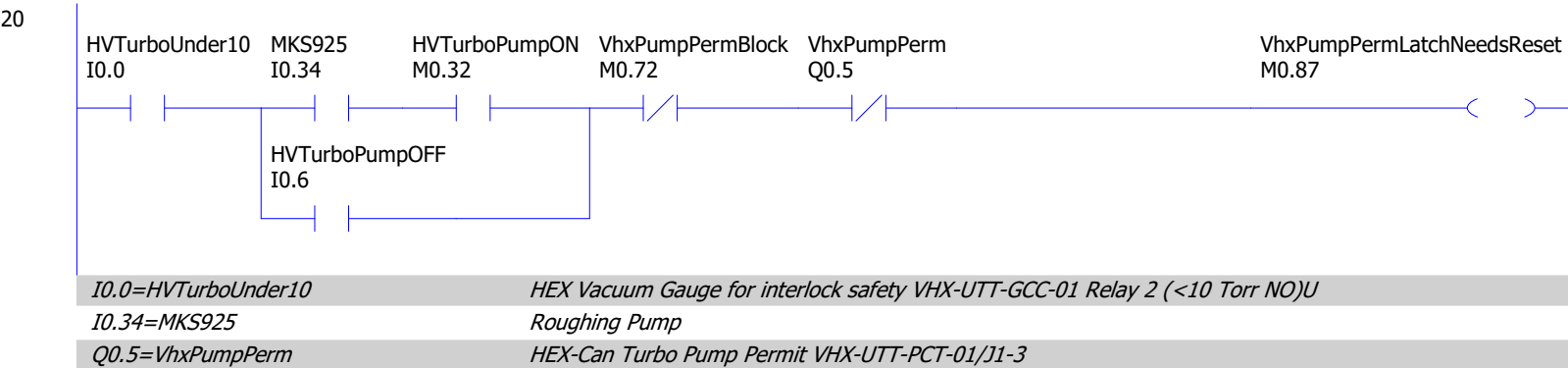
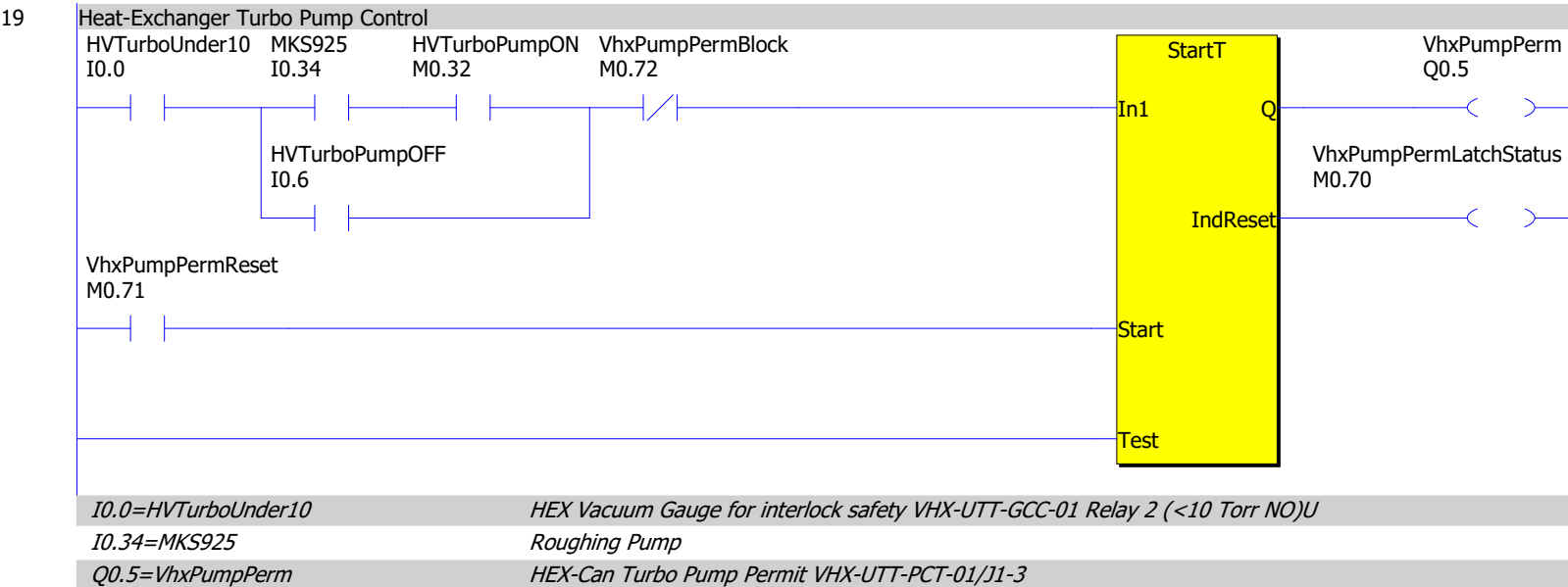
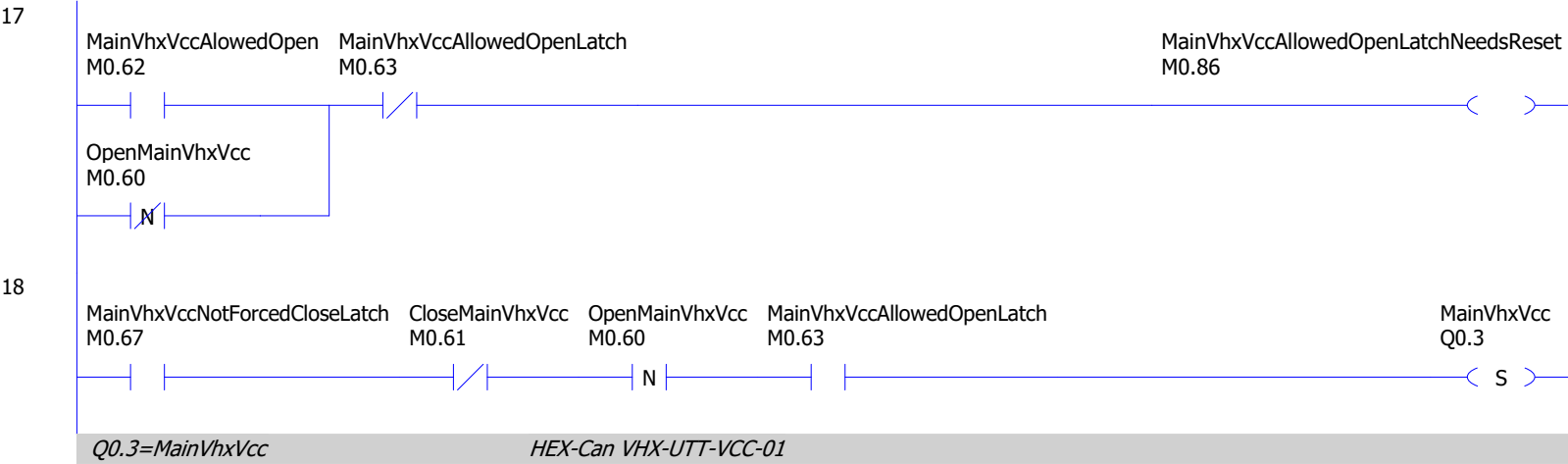


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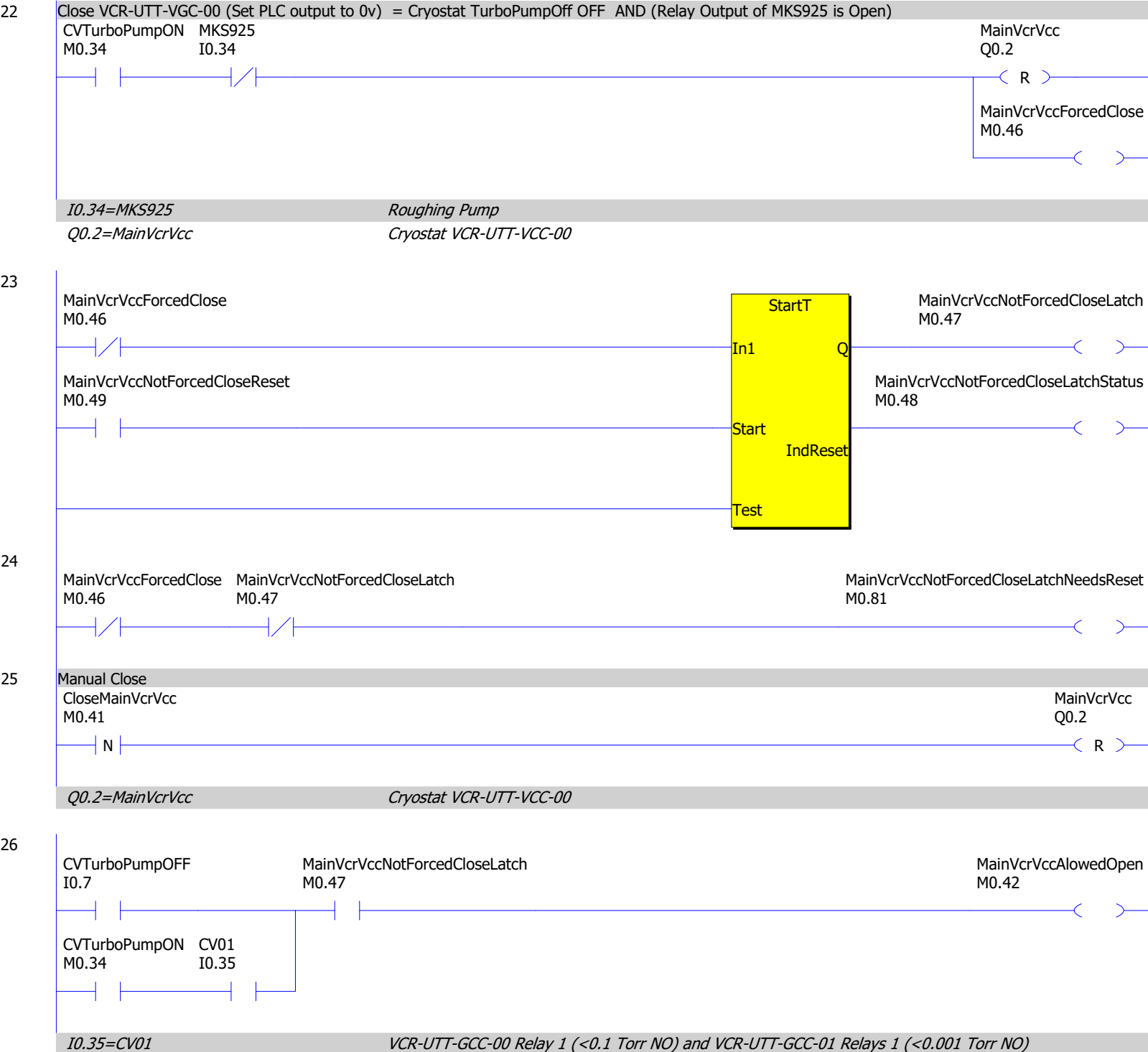


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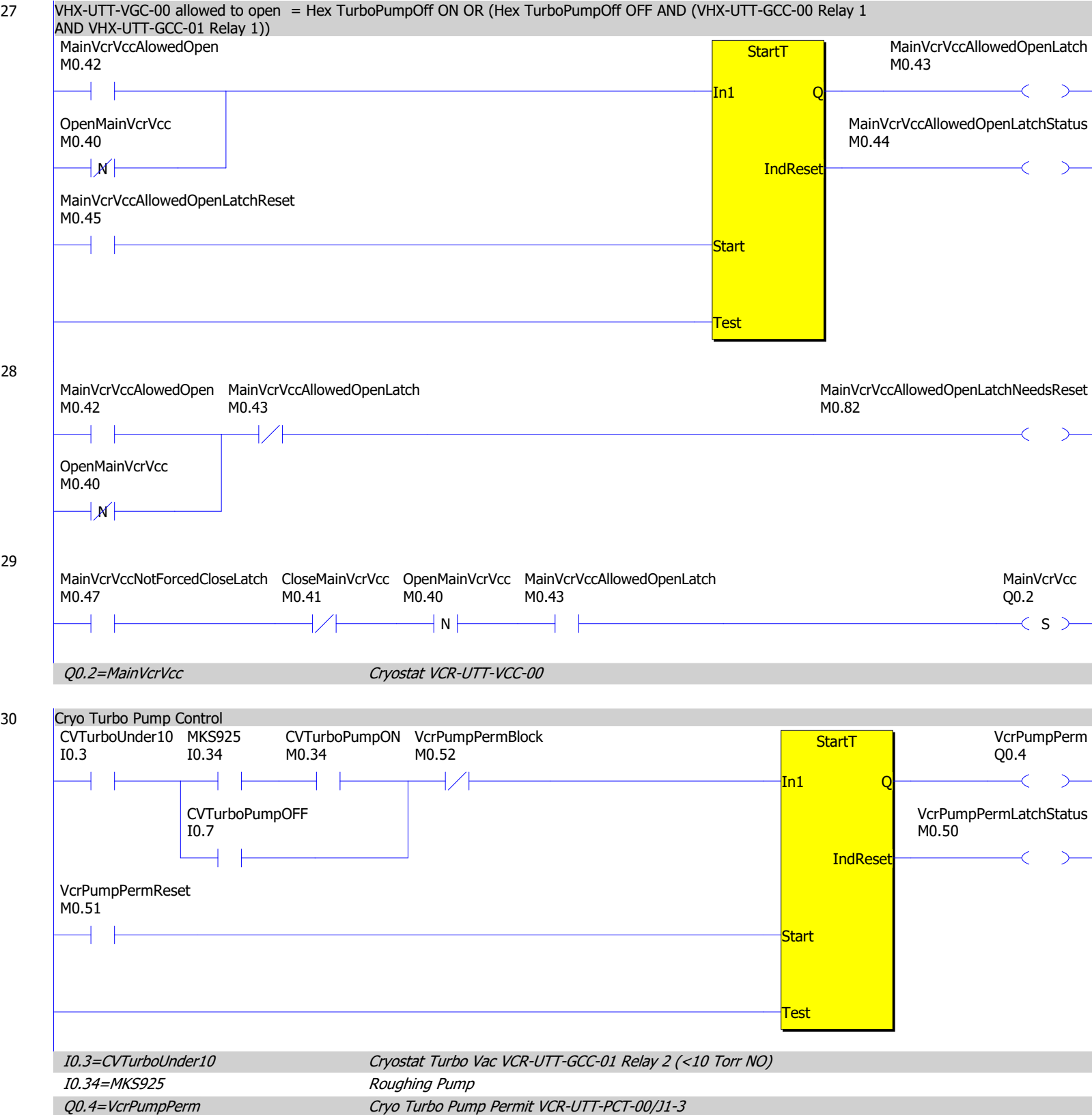


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File date=10/25/2018 2:29:09 PM Print date=10/25/2018 2:29:23 PM PLC CRC=E75B



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