

PLC LAB

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LAD/STL/FBD - [OB1 -- plc1ab\SIMATIC 300(1)\CPU 314C-2 DP]

File Edit Insert PLC Debug View Options Window Help

Contents Of: 'Environment\Interface'

Name
TEMP

OB1 : "Main Program Sweep (Cycle)"

Comment:

Network 1: PUMP1

when press on button 1 (I0.0) we will get a pulse and run the timer T1 and the pump 1 will start for 5 seconds

Network 2: Pump2

1: Error 2: Info 3: Cross-references 4: Address info. 5: Modify 6:

Press F1 to get Help. offline Abs < 5.2 Insert

start SIMATIC Manager - [...] LAD/STL/FBD - [OB1 ... 1:00 AM

LAD/STL/FBD - [OB1 -- plc1ab\SIMATIC 300(1)\CPU 314C-2 DP]

File Edit Insert PLC Debug View Options Window Help

Shift/Rotate
Status bits
Timers
S_PULSE
S_PEXT
S_ODT
S_ODTS
S_OFFDT
--(SP)
--(SE)
--(SD)
--(SS)
--(SF)
Word logic
FB blocks
FC blocks
SFB blocks
SFC blocks
Multiple instances
Libraries
Set_Reset Flip Flop

Program e... Call struc...

Network 2 : Pump2

the NEG will take a pulse after the Q0.0 stop and run pump2 for 3 seconds

Network 3: the mixer

after pump 2 finish NEG will take a pulse and run the mixer for 20 seconds

1: Error 2: Info 3: Cross-references 4: Address info. 5: Modify 6:

Press F1 to get Help.

offline Abs < 5.2 Insert

start SIMATIC Manag... LAD/STL/FBD - ... Desktop untitled - Paint 12:55 AM



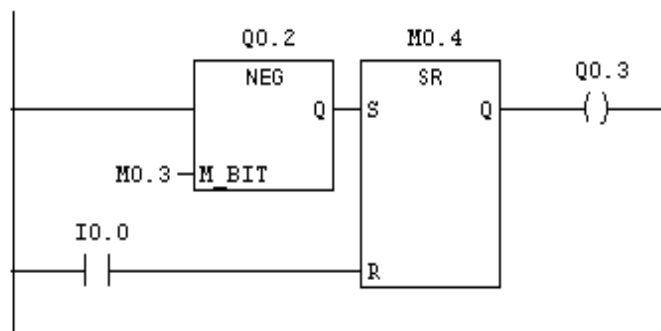
Networks

- New network
- Bit logic
- Comparator
- Converter
- Counter
- DB call
- Jumps
- Integer function
- Floating-point fct.
- Move
- Program control
- Shift/Rotate
- Status bits
- Timers
- Word logic
- FB blocks
- FC blocks
- SFB blocks
- SFC blocks
- Multiple instances
- Libraries

Program e... Call struc...

Network 4 : Drain valve

when pump 2 (Q0.2) end NEG will take a pulse
and i used SR latch to set Q0.0 on and a use a button I0.1 to make reset



Network 5: PUMP3

the NEG will take a pulse after the Q0.2 stop and run pump3 for 8 seconds
and i used I0.1 stop the timer

