

Main Properties

General	
---------	--

Name	Main	Number	1	Type	OB
------	------	--------	---	------	----

Language	LAD	Numbering	Manual	
-----------------	-----	------------------	--------	--

Information									
-------------	--	--	--	--	--	--	--	--	--

Title	SP6-5	Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Default value
▼ Temp		
OB1_EV_CLASS	Byte	
OB1_SCAN_1	Byte	
OB1_PRIORITY	Byte	
OB1_OB_NUMBR	Byte	
OB1_RESERVED_1	Byte	
OB1_RESERVED_2	Byte	
OB1_PREV_CYCLE	Int	
OB1_MIN_CYCLE	Int	
OB1_MAX_CYCLE	Int	
OB1_DATE_TIME	Date_And_Time	
Constant		

Network 1: SP6-5

Copyright (c) 2011-2023 Dogwood Valley Press, LLC

Problem SP6-5 Erbia Elevator Control

Additional internal memory:

Tag Address	
-------------	--

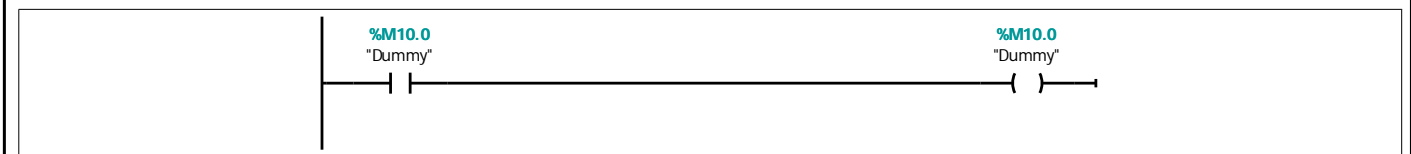
Run %M5.0 BOOL On while station running

Int_Reset %M5.1 BOOL Internal reset	0
-------------------------------------	---

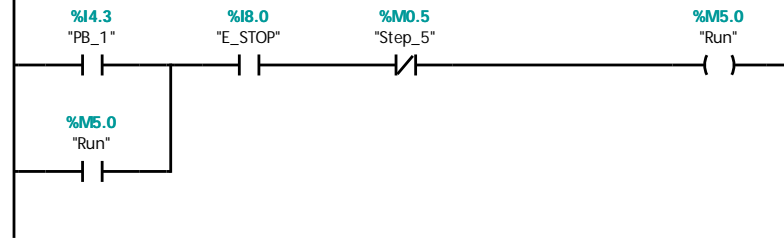
Step_1 to Step_7 %M0.1 to M0.7 BOOL Step-in-progress bits

Extend_Tmr %DB1 IEC_TIMER Times ram extend

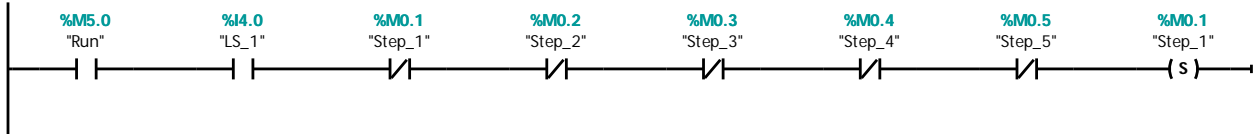
Retract_Tmr %DB3 IEC_TIMER Times ram retract



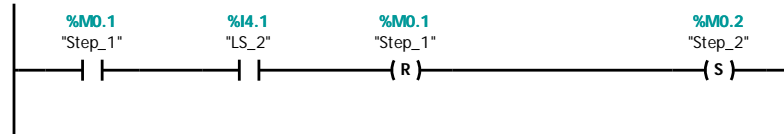
Network 2: Start/stop



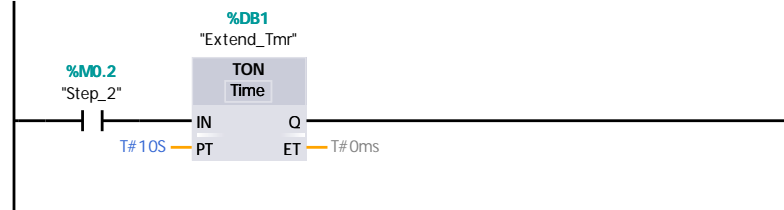
Network 3: Initial start



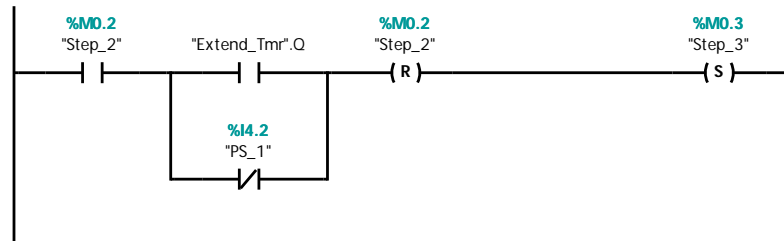
Network 4: Step 1 Move elevator up



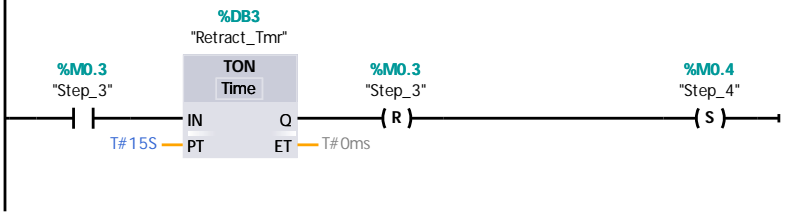
Network 5: Extend timer



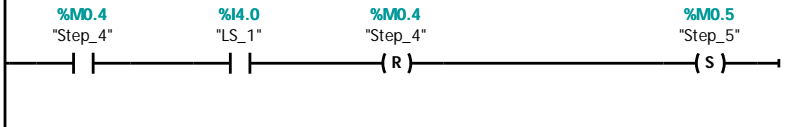
Network 6: Step 2 Move can off



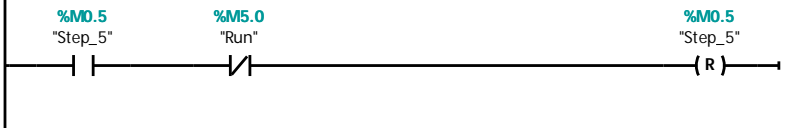
Network 7: Step 3 Retract ram



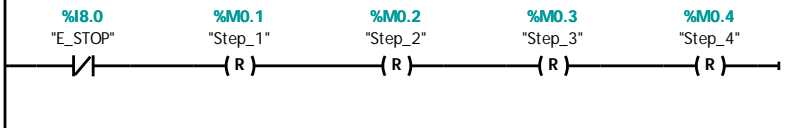
Network 8: Step 4 Move elevator down



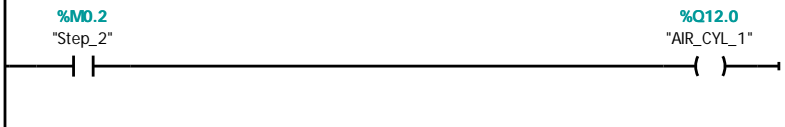
Network 9: Step 5 Unlatch run



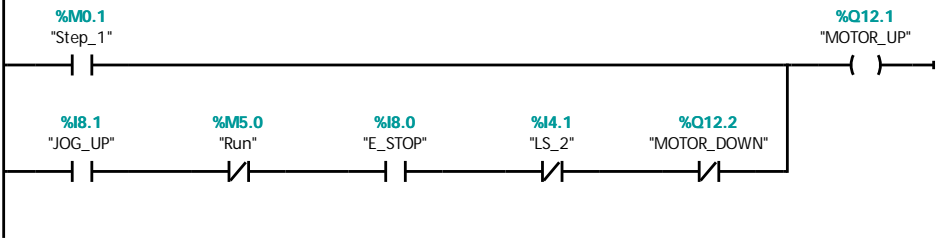
Network 10: Emergency stop



Network 11: Pneumatic ram extension solenoid, on to extend ram



Network 12: Elevator motor control, on to cause elevator platform to move up



Network 13: Elevator motor control, on to cause elevator to move down

