

Main_Program [OB1]

Main_Program Properties

General

Name	Main_Program	Number	1	Type	OB
Language	LAD	Numbering	Manual		

Information

Title	"Main Program Sweep (Cycle)"	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

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Problem SP6-5 Erbia Elevator Control

Additional internal memory:

Tag Address

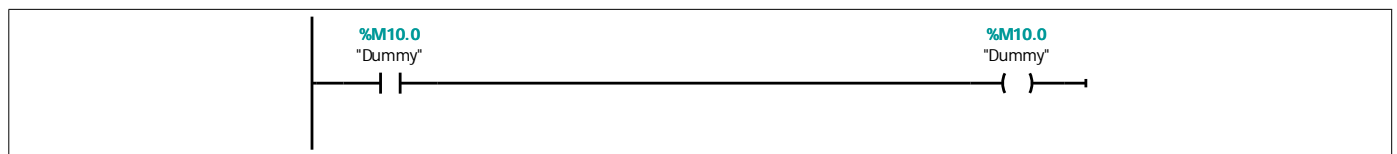
Run M5.0 BOOL On while station running

Int_Reset M5.1 BOOL Internal reset

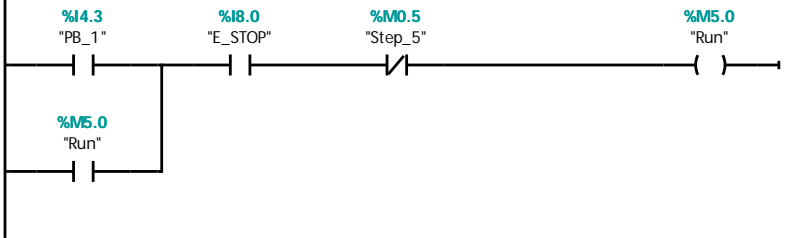
Step_1 to Step_7 M0.1 to M0.7 BOOL Step-in-progress bits

Extend_Tmr DB1 TON_SFB Times ram extend

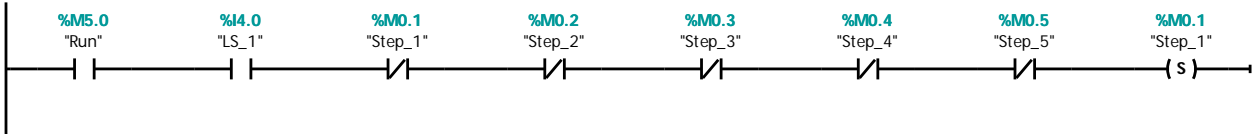
Retract_Tmr DB3 TON_SFB Times ram retract



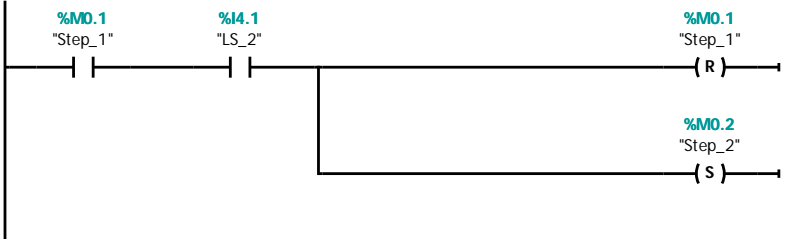
Network 2: Start/stop



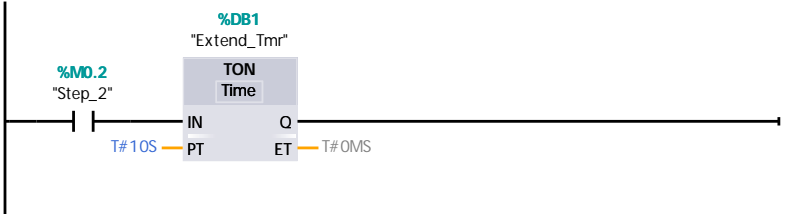
Network 3: Initial start



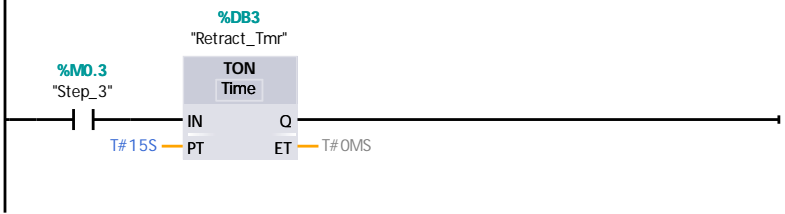
Network 4: Step 1 Move elevator up



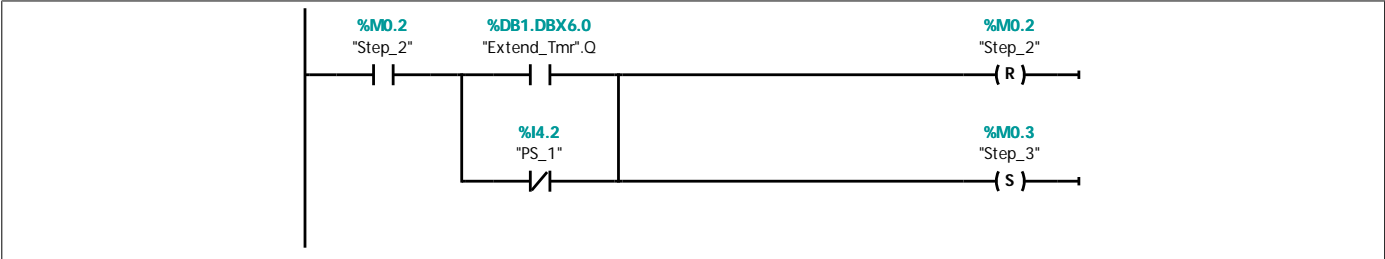
Network 5: Extend timer



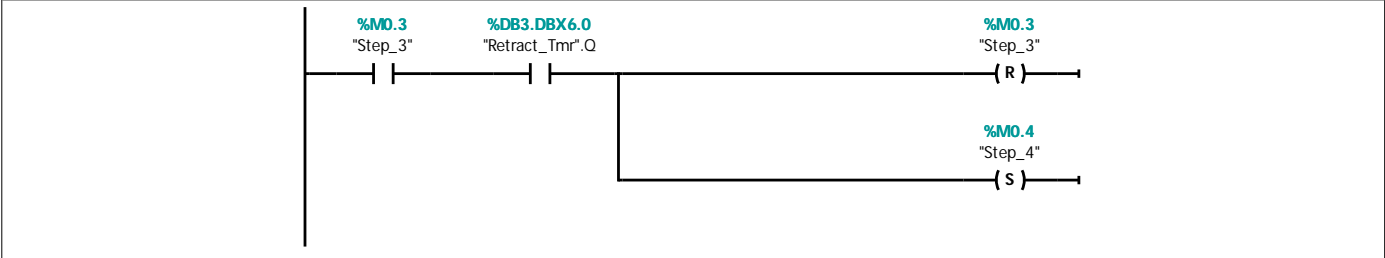
Network 6: Retract Timer



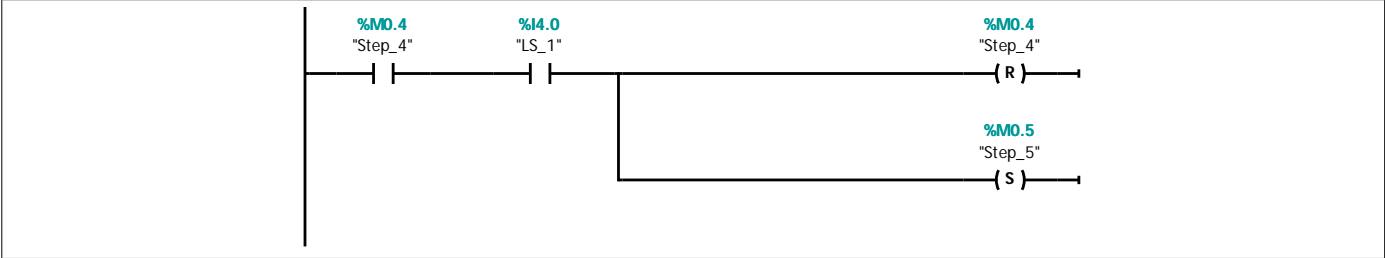
Network 7: Step 2 Move can off



Network 8: Step 3 Retract ram



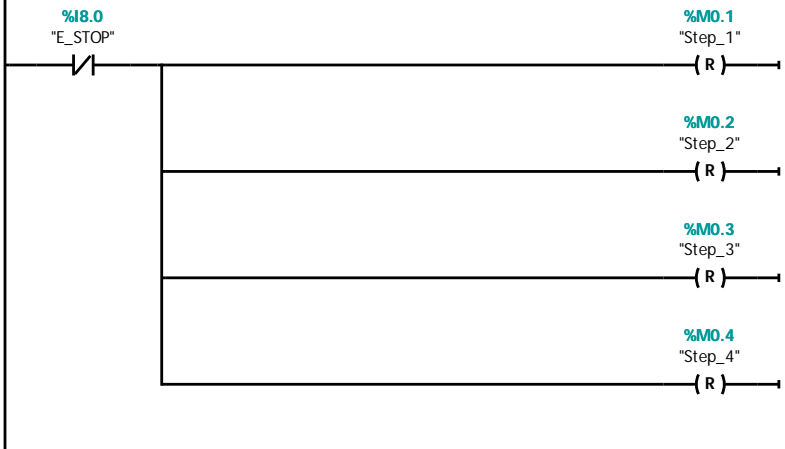
Network 9: Step 4 Move elevator down



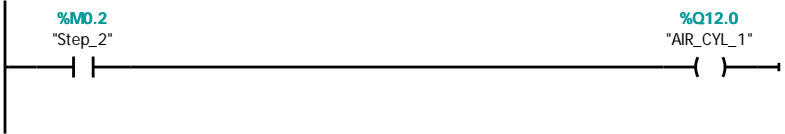
Network 10: Step 5 Unlatch run



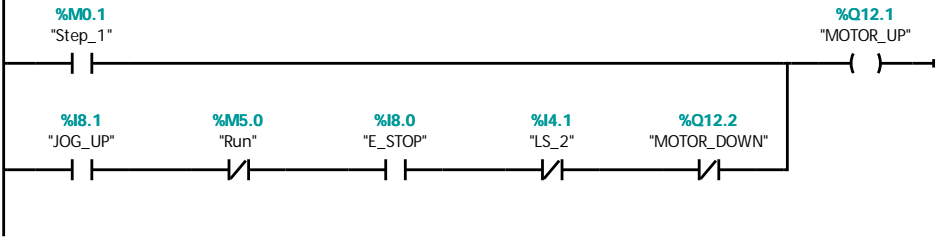
Network 11: Emergency stop



Network 12: Pneumatic ram extension solenoid, on to extend ram



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



Network 14: Elevator motor control, on to cause elevator to move down

