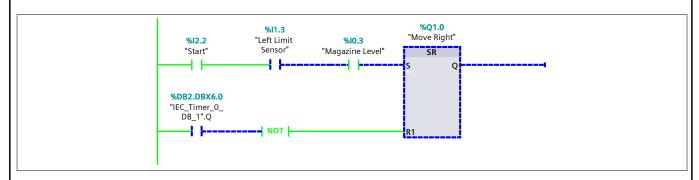
## Sorting Aayush Nilanjan / PLC\_1 [CPU 314C-2 PN/DP] / Program blocks

### Main [OB1]

Main Properties									
General									
Name	Main	Number	1	Туре	OB				
Language	LAD	Numbering	Manual						
Information									
Title	"Main Program Sweep (Cycle)"	Author		Comment					
Family		Version	0.1	User-defined ID					

Main								
Name	Data type	Offset	Default value	Super- vision	Comment			
<b>▼</b> Temp								
OB1_EV_CLASS	Byte	0.0			Bits 0-3 = 1 (Coming event), Bits 4-7 = 1 (Event class 1)			
OB1_SCAN_1	Byte	1.0			1 (Cold restart scan 1 of OB 1), 3 (Scan 2-n of OB 1)			
OB1_PRIORITY	Byte	2.0			Priority of OB Execution			
OB1_OB_NUMBR	Byte	3.0			1 (Organization block 1, OB1)			
OB1_RESERVED_1	Byte	4.0			Reserved for system			
OB1_RESERVED_2	Byte	5.0			Reserved for system			
OB1_PREV_CYCLE	Int	6.0			Cycle time of previous OB1 scan (milliseconds)			
OB1_MIN_CYCLE	Int	8.0			Minimum cycle time of OB1 (milliseconds)			
OB1_MAX_CYCLE	Int	10.0			Maximum cycle time of OB1 (milliseconds)			
OB1_DATE_TIME	Date_And_Ti me	12.0			Date and time OB1 started			
Constant								

#### Network 1:



#### Network 2:

## Totally Integrated **Automation Portal** T#0MS %DB2 "IEC\_Timer\_0\_ DB\_1" %I1.3 TP "Left Limit Sensor" **%I2.2** "Start" Time IN PT Network 3: **%DB2.DBX6.0**"IEC\_Timer\_0\_ DB\_1".Q **%Q0.2** "Sort" N\_TRIG **%M0.0** "Tag\_1" Network 4: **%Q0.0**"Lower Stopper" %11.3 "Left Limit Sensor" **%**12.2 %10.3 "Start" "Magazine Level" SR +%DB1.DBX6.0 "IEC\_Timer\_0\_ DB".Q $\dashv$ Network 5: %DB1 "IEC\_Timer\_0\_DB" %Q0.2 "Sort" Time IN PT Network 6:

# Totally Integrated Automation Portal T#0MS %DB3 "IEC\_Timer\_0\_ DB\_2" TP Time **%Q0.2** "Sort" IN Q T#3s — PT ET -Network 7: %Q1.0 "Move Right" **%DB3.DBX6.0**"IEC\_Timer\_0\_ DB\_2".Q %Q0.0 "Lower Stopper" Q **%l1.4** "Right Limit Sensor" R1