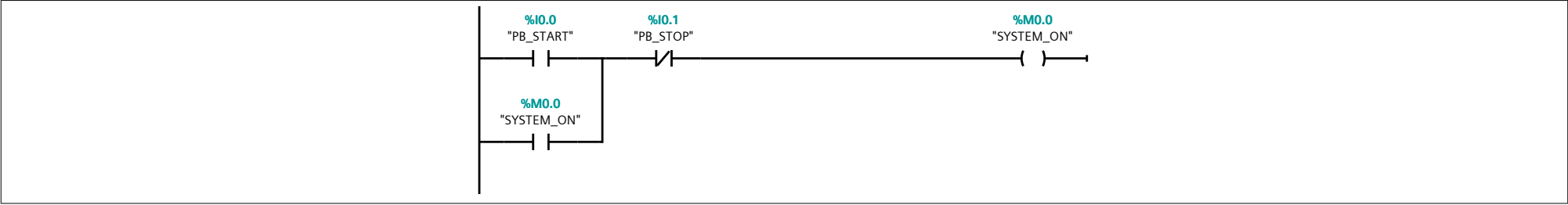


Automated Garage Door Control System / PLC\_1 [CPU 1211C DC/DC/DC] / Program blocks

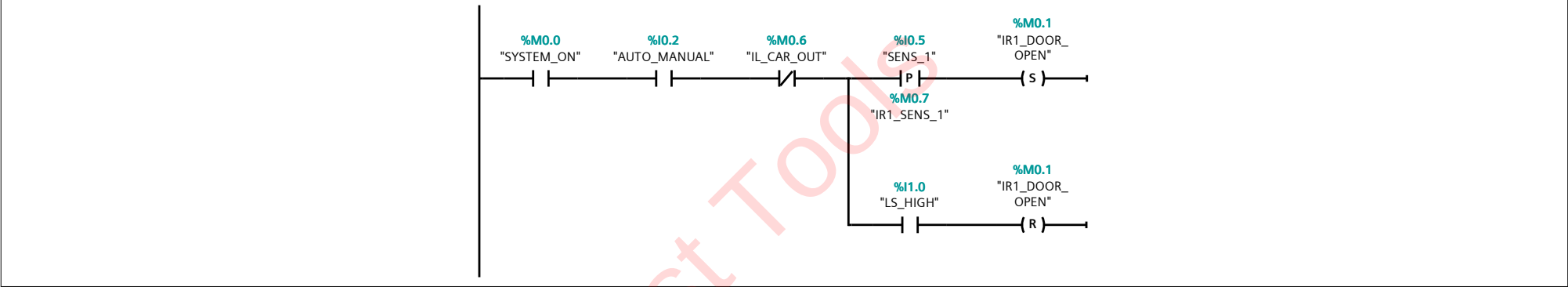
Main [OB1]

| Main Properties |                              |                 |               |         |             |          |     |
|-----------------|------------------------------|-----------------|---------------|---------|-------------|----------|-----|
| General         |                              |                 |               |         |             |          |     |
| Name            | Main                         | Number          | 1             | Type    | OB          | Language | LAD |
| Numbering       | Automatic                    |                 |               |         |             |          |     |
| Information     |                              |                 |               |         |             |          |     |
| Title           | "Main Program Sweep (Cycle)" | Author          |               | Comment |             | Family   |     |
| Version         | 0.1                          | User-defined ID |               |         |             |          |     |
| Main            |                              |                 |               |         |             |          |     |
| Name            |                              | Data type       | Default value |         | Supervision | Comment  |     |
| Temp            |                              |                 |               |         |             |          |     |
| Constant        |                              |                 |               |         |             |          |     |

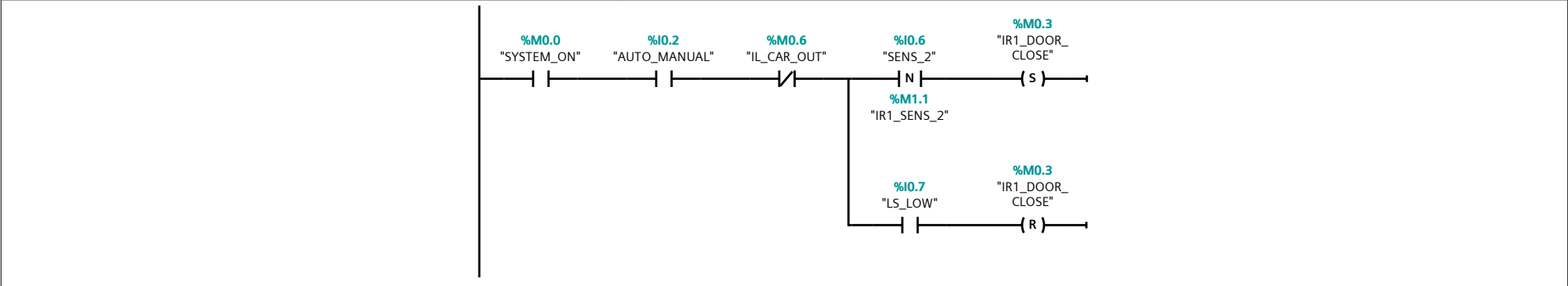
Network 1: START SYSTEM



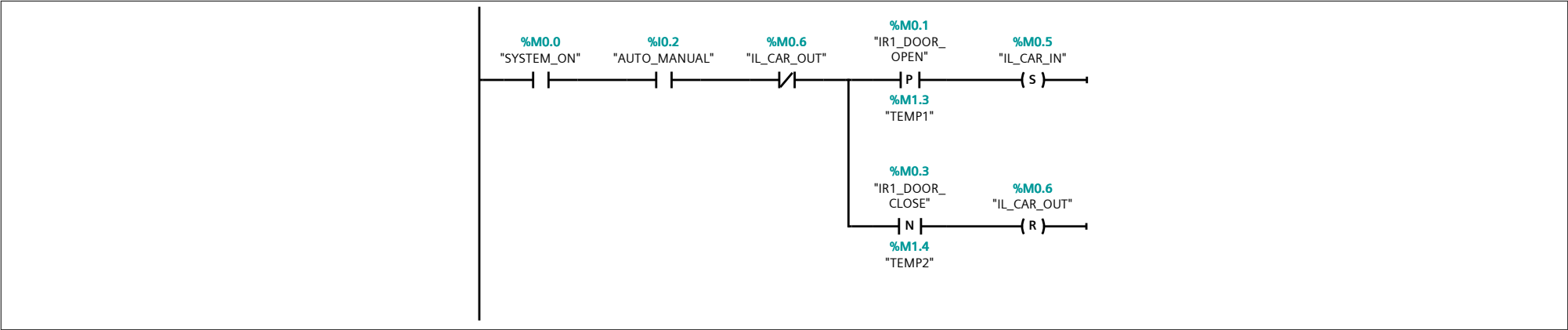
Network 2: DOOR OPEN AUTO CAR IN



Network 3: DOOR CLOSE AUTO CAR IN



Network 4: INTERLOCK AUTO CAR IN



Network 5: DOOR OPEN AUTO CAR OUT

Totally Integrated Automation Portal

%M0.0  
"SYSTEM\_ON"

%I0.2  
"AUTO\_MANUAL"

%M0.5  
"IL\_CAR\_IN"

%I0.6  
"SENS\_2"

%M0.2  
"IR2\_DOOR\_OPEN"

%M1.2  
"IR2\_SENS\_2"

%I1.0  
"LS\_HIGH"

%M0.1  
"IR1\_DOOR\_OPEN"

(P)

(S)

(R)

Network 6: DOOR CLOSE AUTO CAR OUT

%M0.0  
"SYSTEM\_ON"

%I0.2  
"AUTO\_MANUAL"

%M0.5  
"IL\_CAR\_IN"

%I0.5  
"SENS\_1"

%M0.4  
"IR2\_DOOR\_CLOSE"

%M1.2  
"IR2\_SENS\_2"

%I0.7  
"LS\_LOW"

%M0.4  
"IR2\_DOOR\_CLOSE"

(N)

(S)

(R)

Network 7: INTERLOCK AUTO CAR OUT

%M0.0  
"SYSTEM\_ON"

%I0.2  
"AUTO\_MANUAL"

%M0.5  
"IL\_CAR\_IN"

%M0.2  
"IR2\_DOOR\_OPEN"

%M0.6  
"IL\_CAR\_OUT"

%M1.5  
"TEMP3"

%M0.4  
"IR2\_DOOR\_CLOSE"

%M0.6  
"IL\_CAR\_OUT"

(P)

(S)

(N)

(R)

Network 8: DOOR OPEN

%M0.0  
"SYSTEM\_ON"

%I0.2  
"AUTO\_MANUAL"

%I0.3  
"PB\_OPEN"

%Q0.0  
"DOOR\_OPEN"

%M0.1  
"IR1\_DOOR\_OPEN"

%M0.2  
"IR2\_DOOR\_OPEN"

(S)

Network 9: DOOR CLOSE

%M0.0  
"SYSTEM\_ON"

%I0.2  
"AUTO\_MANUAL"

%I0.3  
"PB\_OPEN"

%Q0.1  
"DOOR\_CLOSE"

%M0.3  
"IR1\_DOOR\_CLOSE"

%M0.4  
"IR2\_DOOR\_CLOSE"

(S)

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