## Door B2 MTRX / PLC_1 [CPU 313C-2 DP] / Program blocks

## Main [OB1]
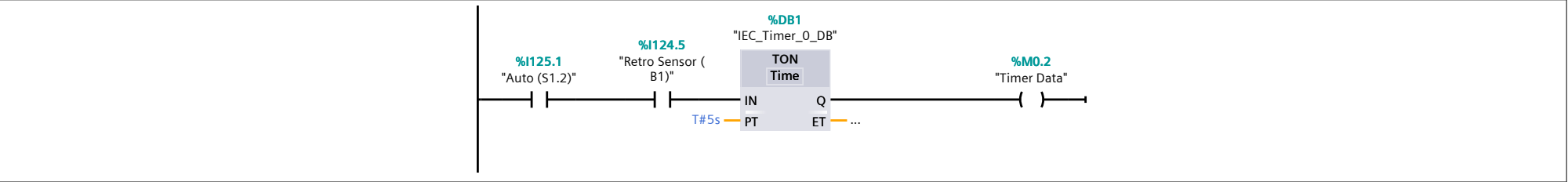
| Main Properties | | | | | | | |
|---|---|---|---|---|---|---|---|
| **General** | | | | | | | |
| **Name** | Main | **Number** | 1 | **Type** | OB | **Language** | LAD |
| **Numbering** | Manual | | | | | | |
| **Information** | | | | | | | |
| **Title** | "Main Program Sweep (Cycle)" | **Author** | | **Comment** | | **Family** | |
| **Version** | 0.1 | **User-defined ID** | | | | | |

| Main | | | | | |
|---|---|---|---|---|---|
| **Name** | **Data type** | **Offset** | **Default value** | **Supervision** | **Comment** |
| ▼ 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_Time | 12.0 | | | Date and time OB1 started |
| Constant | | | | | |

**Network 1:**
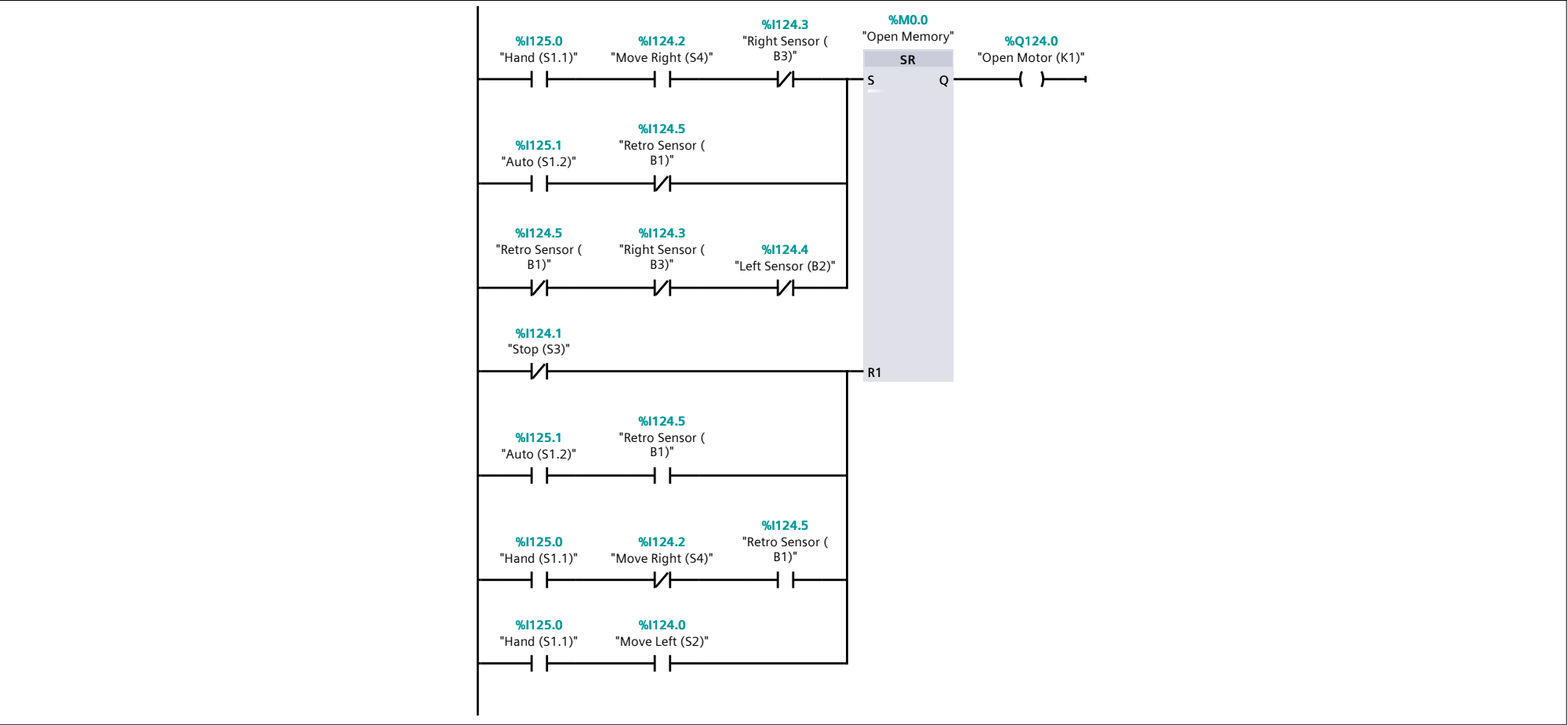


**Network 3:**



**Network 4:**



**Network 2:**

%I125.0          %I124.0          %I124.4          %M0.1                %Q124.1
"Hand (S1.1)"    "Move Left (S2)"  "Left Sensor (B2)"  "Close Memory"      "Close Motor (K2)"
   ┤ ├              ┤ ├              ┤/├          ┌─────SR─────┐            ┤ ├
                                                  │ S        Q │
%M0.2                                             │            │
"Timer Data"                                      │            │
   ┤ ├                                            │            │
                                                  │            │
%I124.1                                           │            │
"Stop (S3)"                                       │            │
   ┤/├─────────────────────────────────────────── R1          │
                                                  └────────────┘
%I124.0          %I125.0
"Move Left (S2)"  "Hand (S1.1)"
   ┤ ├              ┤ ├

%I124.5
"Retro Sensor (
B1)"
   ┤/├