Star-Delta / 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 1:

```
    %I124.0        %I124.1                                      %Q124.0
    "Start"         "stop"                                       "C1"
     | |            |/|                                          ( )

    %Q124.0
    "C1"
     | |
```

Network 2:

```
    %I124.0        %I124.1      %Q124.2      %Q124.3      %Q124.1
    "Start"         "stop"       "TD1"        "C3"         "C2"
     | |            |/|          |/|          |/|          ( )

    %Q124.1
    "C2"
     | |
```

Network 3:

```
                        %DB1
                   "IEC_Timer_0_DB"
    %Q124.0                                                     %Q124.2
    "C1"              TON                                        "TD1"
     | |             Time                                        ( )
                   IN      Q
            T#7s   PT      ET  — ...
```

Network 4:

```
        %Q124.2      %I124.1      %Q124.1                    %Q124.3
        "TD1"        "stop"       "C2"                       "C3"
    ─────┤ ├────┬─────┤/├─────────┤/├───────────────────────( )──────
        %Q124.3  │
        "C3"     │
    ─────┤ ├─────┘
```