## OB1 - <offline>

Family: Name: Author: Version: 0.1 Block version: 2 07/26/2025 09:34:46 PM 02/15/1996 04:51:12 PM Time stamp Code:

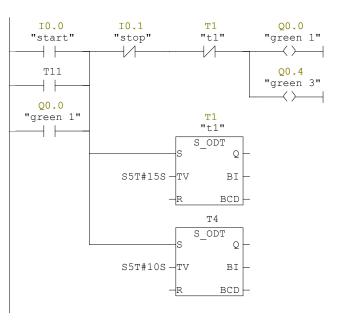
Interface:

Lengths (block/logic/data): 00400 00270 00022

Name	Data Type	Address	Comment
TEMP		0.0	
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

#### Block: OB1 "Main Program Sweep (Cycle)"

#### Network: 1



## Network: 2

```
I0.1
"stop"
                                                    Q1.5
"red2"
                                    T3
"t3"
 I0.0
"start"
 + \vdash
                                                     \leftarrow
  T11
                                                     Q1.2
                                                    "red 4"
  +
                                                     \leftarrow
Q1.5
"red2"
                                     Т3
                                    "t3"
  + \vdash
                                   S ODT
                                           Q |
                   S5T#15S-TV
                                          BI
                                        BCD -
                             -\mathbb{R}
```

## Network: 3

```
I0.1
                                              Q1.6
    Т4
                "stop"
                                 Т5
                                           "yellow 2"
   +
                                              \leftarrow
                                           Q1.1
"yellow 4"
Q1.6
"yellow 2"
   +
                                             \leftarrow
                                 Т5
                              S ODT
                   S5T#5S-TV
                                    BI
                                   BCD -
```

#### Network: 4

```
Т1
              I0.1
                                         Q1.4
                                       "green 2"
  "t1"
              "stop"
                             Т6
  + +
                                          <>
                                         Q1.0
 Q1.4
"green 2"
                                       "green 4"
  +
                                         \leftarrow
                             Т6
                           S_ODT
                                 Q -
               S5T#15S-TV
                                BI
                               BCD -
                            T10
                           S_ODT
                                 Q -
               S5T#10S TV
                                BI -
                       -R
                               BCD -
```

## Network: 5

# Network: 6

```
I0.1
"stop"
                                              Q0.1
                                           "yellow 1"
   T10
                                T11
                                              \leftarrow
Q0.1
"yellow 1"
                                              Q0.5
                                           "yellow 3"
   +
                                              \leftarrow
                                T11
                               S_ODT
                                     Q -
                   S5T#5S-TV
                                    BI -
                                   BCD -
                          -R
```