OB82 - <offline>

"I/O_FLT1"   I/O Point Fault 1

Name: **Family:**
Author: **Version:** 0.1
                          Block version: 2
Time stamp Code: 11/09/2022 08:22:27 PM
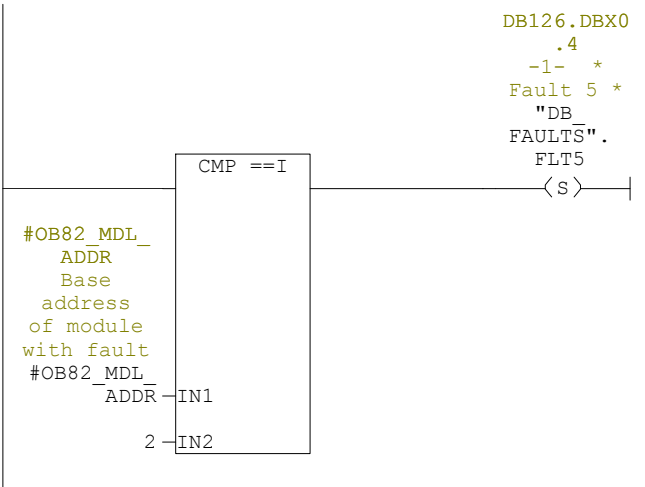   **Interface:**   02/15/1996 04:51:13 PM
Lengths (block/logic/data): 00346   00166   00020

Name	Data Type	Address	Comment
TEMP		0.0	
OB82_EV_CLASS	Byte	0.0	16#39, Event class 3, Entering event state, Internal fault event
OB82_FLT_ID	Byte	1.0	16#XX, Fault identifcation code
OB82_PRIORITY	Byte	2.0	Priority of OB Execution
OB82_OB_NUMBR	Byte	3.0	82 (Organization block 82, OB82)
OB82_RESERVED_1	Byte	4.0	Reserved for system
OB82_IO_FLAG	Byte	5.0	Input (01010100), Output (01010101)
OB82_MDL_ADDR	Word	6.0	Base address of module with fault
OB82_MDL_DEFECT	Bool	8.0	Module defective
OB82_INT_FAULT	Bool	8.1	Internal fault
OB82_EXT_FAULT	Bool	8.2	External fault
OB82_PNT_INFO	Bool	8.3	Point information
OB82_EXT_VOLTAGE	Bool	8.4	External voltage low
OB82_FLD_CONNCTR	Bool	8.5	Field wiring connector missing
OB82_NO_CONFIG	Bool	8.6	Module has no configuration data
OB82_CONFIG_ERR	Bool	8.7	Module has configuration error
OB82_MDL_TYPE	Byte	9.0	Type of module
OB82_SUB_MDL_ERR	Bool	10.0	Sub-Module is missing or has error
OB82_COMM_FAULT	Bool	10.1	Communication fault
OB82_MDL_STOP	Bool	10.2	Module is stopped
OB82_WTCH_DOG_FLT	Bool	10.3	Watch dog timer stopped module
OB82_INT_PS_FLT	Bool	10.4	Internal power supply fault
OB82_PRIM_BATT_FLT	Bool	10.5	Primary battery is in fault
OB82_BCKUP_BATT_FLT	Bool	10.6	Backup battery is in fault
OB82_RESERVED_2	Bool	10.7	Reserved for system
OB82_RACK_FLT	Bool	11.0	Rack fault, only for bus interface module
OB82_PROC_FLT	Bool	11.1	Processor fault
OB82_EPROM_FLT	Bool	11.2	EPROM fault
OB82_RAM_FLT	Bool	11.3	RAM fault
OB82_ADU_FLT	Bool	11.4	ADU fault
OB82_FUSE_FLT	Bool	11.5	Fuse fault
OB82_HW_INTR_FLT	Bool	11.6	Hardware interupt input in fault
OB82_RESERVED_3	Bool	11.7	Reserved for system
OB82_DATE_TIME	Date_And_Time	12.0	Date and time OB82 started

Block: OB82   "I/O Point Fault"

Network: 1   -1- * Fault 5 *

```
                                         DB126.DBX0
                                              .4
                                           -1-   *
                                         Fault 5 *
                                           "DB_
                                          FAULTS".
                                           FLT5
              CMP ==I                      ─( S )──┤
#OB82_MDL_  │       │
    ADDR    │       │
   Base     │       │
  address   │       │
 of module  │       │
 with fault │       │
#OB82_MDL_  │       │
    ADDR ───│IN1    │
            │       │
      2 ────│IN2    │
            └───────┘
```

Network: 2

Network: 3   -1- * Fault 5 *

```
                                         DB126.DBX0
                                              .5
                                           -1-   *
                                         Fault 6 *
                                           "DB_
                                          FAULTS".
                                           FLT6
              CMP ==I                      ─( S )──┤
#OB82_MDL_  │       │
    ADDR    │       │
   Base     │       │
  address   │       │
 of module  │       │
 with fault │       │
#OB82_MDL_  │       │
    ADDR ───│IN1    │
            │       │
      4 ────│IN2    │
            └───────┘
```

Network: 4   -1- * Fault 5 *

```
                                      DB126.DBX0
                                          .6
                                        -1-  *
                                      Fault 7 *
                                        "DB_
                                       FAULTS".
                                        FLT7
                   ┌─────────┐          ─(S)──┤
                   │ CMP ==I │
                   │         │
 #OB82_MDL_        │         │
     ADDR          │         │
    Base           │         │
  address          │         │
 of module         │         │
 with fault        │         │
 #OB82_MDL_        │         │
     ADDR ─────────┤IN1      │
                   │         │
           5 ──────┤IN2      │
                   └─────────┘
```

Network: 5   -1- * Fault 5 *

```
                                      DB126.DBX0
                                          .7
                                        -1-  *
                                      Fault 8 *
                                        "DB_
                                       FAULTS".
                                        FLT8
                   ┌─────────┐          ─(S)──┤
                   │ CMP ==I │
                   │         │
 #OB82_MDL_        │         │
     ADDR          │         │
    Base           │         │
  address          │         │
 of module         │         │
 with fault        │         │
 #OB82_MDL_        │         │
     ADDR ─────────┤IN1      │
                   │         │
           6 ──────┤IN2      │
                   └─────────┘
```

Network: 6   -1- * Fault 5 *

```
                                      DB126.DBX1
                                          .0
                                        -1-  *
                                      Fault 9 *
                                        "DB_
                                       FAULTS".
                                        FLT9
                   ┌─────────┐          ─(S)──┤
                   │ CMP ==I │
                   │         │
 #OB82_MDL_        │         │
     ADDR          │         │
    Base           │         │
  address          │         │
 of module         │         │
 with fault        │         │
 #OB82_MDL_        │         │
     ADDR ─────────┤IN1      │
                   │         │
           7 ──────┤IN2      │
                   └─────────┘
```

Network: 7   -1- * Fault 5 *

```
                                             DB126.DBX1
                                                  .1
                                                -1-  *
                                             Fault 10 *
                                               "DB_
                                              FAULTS".
                     CMP ==I                    FLT10
                   ┌─────────┐                  ─(s)──┤
                   │         │
#OB82_MDL_         │         │
    ADDR          │         │
    Base          │         │
  address         │         │
 of module        │         │
 with fault       │         │
 #OB82_MDL_       │         │
     ADDR ────────┤IN1      │
                  │         │
         8 ───────┤IN2      │
                   └─────────┘
```
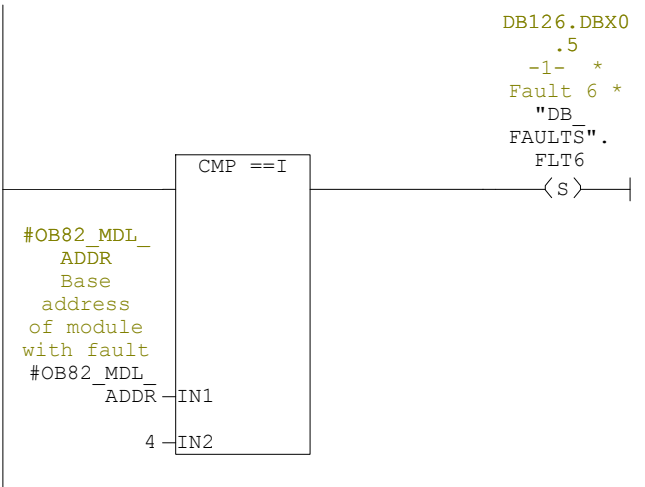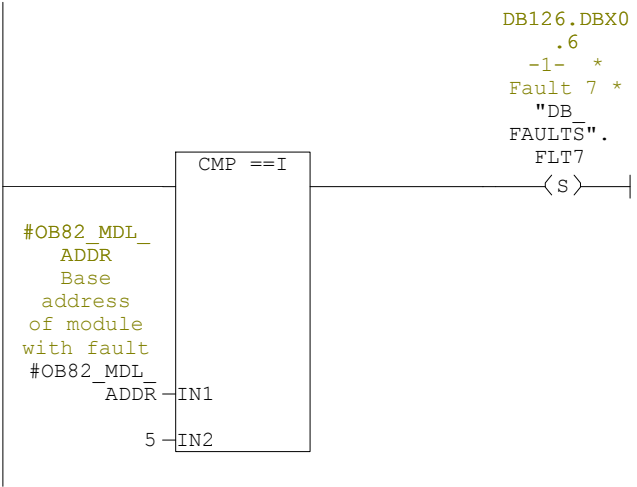
Network: 8   -1- * Fault 5 *

```
                                             DB126.DBX1
                                                  .2
                                                -1-  *
                                             Fault 11 *
                                               "DB_
                                              FAULTS".
                     CMP ==I                    FLT11
                   ┌─────────┐                  ─(s)──┤
                   │         │
#OB82_MDL_         │         │
    ADDR          │         │
    Base          │         │
  address         │         │
 of module        │         │
 with fault       │         │
 #OB82_MDL_       │         │
     ADDR ────────┤IN1      │
                  │         │
         9 ───────┤IN2      │
                   └─────────┘
```
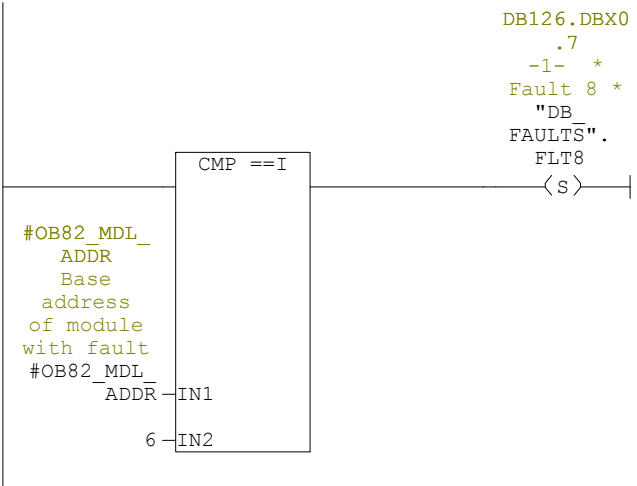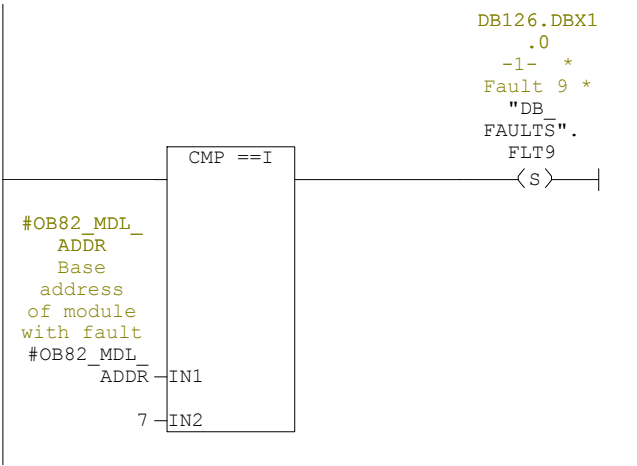
Network: 9   -1- * Fault 5 *

```
                                    DB126.DBX1
                                        .3
                                     -1-[12]
                                    -+FP-B9.6
                                      Main
                                    pneumatic
                                     shutoff
                                      valve
                                    pressure
                                     not OK
                                      "DB_
                                    FAULTS".
                                     FLT12
               CMP ==I                ─(S)───┤
              ┌───────┐
#OB82_MDL_    │       │
   ADDR       │       │
   Base       │       │
  address     │       │
 of module    │       │
 with fault   │       │
#OB82_MDL_    │       │
    ADDR ─────┤IN1    │
              │       │
        10 ───┤IN2    │
              └───────┘
```

Network: 10   -1- * Fault 5 *

```
                                    DB126.DBX1
                                        .4
                                     -1-  *
                                   Fault 13 *
                                      "DB_
                                    FAULTS".
                                     FLT13
               CMP ==I                ─(S)───┤
              ┌───────┐
#OB82_MDL_    │       │
   ADDR       │       │
   Base       │       │
  address     │       │
 of module    │       │
 with fault   │       │
#OB82_MDL_    │       │
    ADDR ─────┤IN1    │
              │       │
        11 ───┤IN2    │
              └───────┘
```
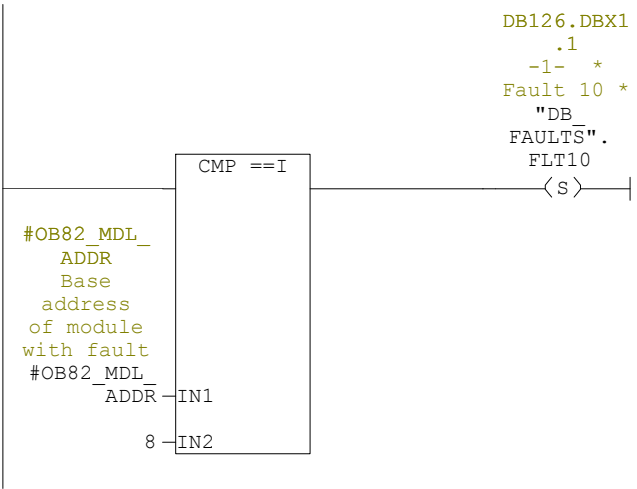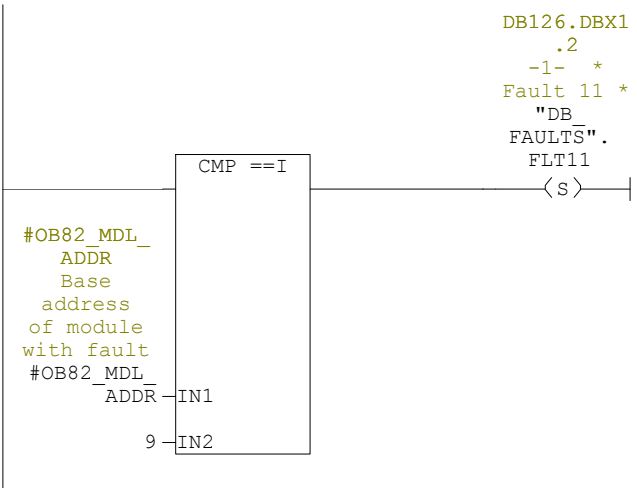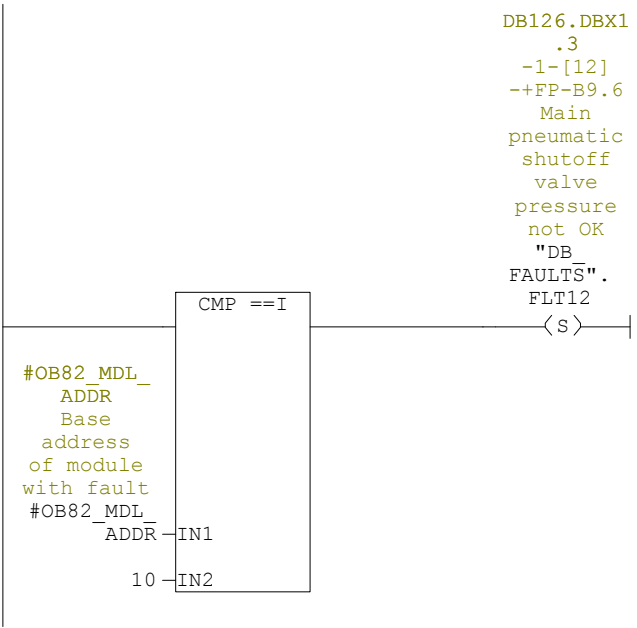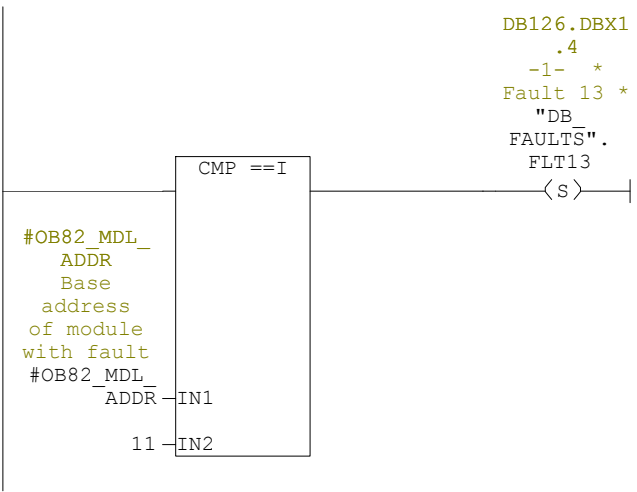
Network: 11   -1-[3] -   Stop at end of cycle not reached!

```
                                    DB126.DBX0
                                        .2
                                     -1-[3]  -
                                    Stop at
                                    end of
#OB82_MDL_                          cycle not
   STOP                             reached!
Module is                            "DB_
 stopped                            FAULTS".
#OB82_MDL_                           FLT3
   STOP                              ─(S)───┤
   ─┤ ├────────────────────────────
```

Network: 12   -1-[4]   -   Cycle time excedeed

```
                                    DB126.DBX0
                                       .3
                                    -1-[4]   -
   #OB82_COMM                        Cycle
    _FAULT                           time
  Communicat                        excedeed
   ion fault                        "DB_
    #OB82_                          FAULTS".
  COMM_FAULT                          FLT4
  ──┤ ├─────────────────────────────( S )───┤
  │
```