

OB85 - <offline>

"OBNL_FLT" OB Not Loaded Fault

Name:

Family:

Author:

Version: 0.1

Block version: 2

Time stamp Code:

06/29/2009 06:56:21 AM

Interface: 02/15/1996 04:51:10 PM

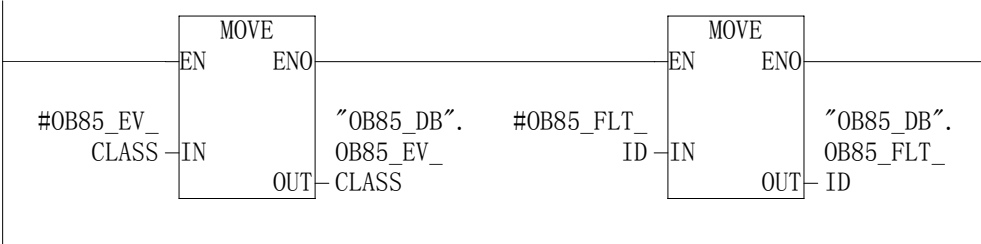
Lengths (block/logic/data):

00244 00122 00020

Name	Data Type	Address	Comment
TEMP		0.0	
OB85_EV_CLASS	Byte	0.0	16#35 Event class 3
OB85_FLT_ID	Byte	1.0	16#XX, Fault identification code
OB85_PRIORITY	Byte	2.0	Priority of OB Execution
OB85_OB_NUMBR	Byte	3.0	85 (Organization block 85, OB85)
OB85_RESERVED_1	Byte	4.0	Reserved for system
OB85_RESERVED_2	Byte	5.0	Reserved for system
OB85_RESERVED_3	Int	6.0	Reserved for system
OB85_ERR_EV_CLASS	Byte	8.0	Class of event causing error
OB85_ERR_EV_NUM	Byte	9.0	Number of event causing error
OB85_OB_PRIOR	Byte	10.0	Priority of OB causing error
OB85_OB_NUM	Byte	11.0	Number of OB causing error
OB85_DATE_TIME	Date_And_Time	12.0	Date and time OB85 started

Block: OB85 "Organization Block (OB) Not Loaded Fault"

Network: 1



Network: 2

B#16#39 B#16#B1 I/O access error when updating the process image of the inputs
B#16#39 B#16#B2 I/O access error when transferring the output process image to
the output modules

B#16#39/B#16#38 B#16#B3 I/O access error when updating the process image of the inputs,
incoming/outgoing event

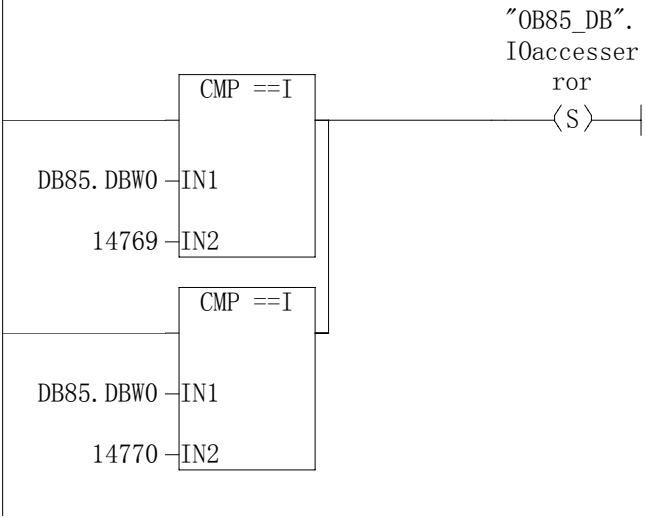
B#16#39/B#16#38 B#16#B4 I/O access error when updating the process image of the outputs,
incoming/outgoing event

39B1=14769

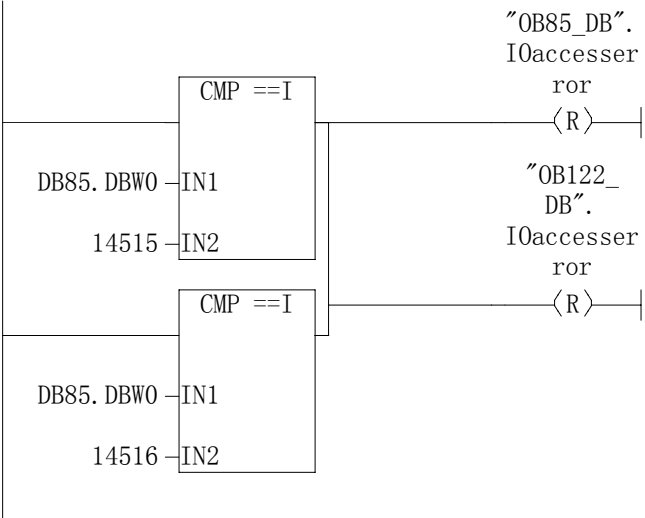
39B2=14770

38B3=14515

38B4=14516



Network: 3



OB86 - <offline>

"RACK_FLT" Loss of Rack Fault

Name: Family:

Author: Version: 0.1

Block version: 2

Time stamp Code: 12/04/2009 10:47:24 AM

Interface: 06/27/2009 10:53:31 PM

Lengths (block/logic/data): 00306 00180 00026

Name	Data Type	Address	Comment
TEMP		0.0	
OB86_EV_CLASS	Byte	0.0	16#38/39 Event class 3
OB86_FLT_ID	Byte	1.0	16#C1/C4/C5, Fault identifcation code
OB86_PRIORITY	Byte	2.0	Priority of OB Execution
OB86_OB_NUMBR	Byte	3.0	86 (Organization block 86, OB86)
OB86_RESERVED_1	Byte	4.0	Reserved for system
OB86_RESERVED_2	Byte	5.0	Reserved for system
OB86_MDL_ADDR	Word	6.0	Base address of IM module in rack with fault
OB86_Z23	DWord	8.0	
OB86_DATE_TIME	Date_And_Time	12.0	Date and time OB86 started

Block: OB86 "Loss Of Rack Fault"

Network: 1 Loss Of Rack Fault



Network: 2

```
CALL "DETAIL_DP_DIAG" , "FB125"
DP_MASTERSYSTEM      :=1
EXTERNAL_DP_INTERFACE:=
MANUAL_MODE          :=
SINGLE_STEP_SLAVE     :=
SINGLE_STEP_ERROR     :=
RESET                :=
SINGLE_DIAG           :=
SINGLE_DIAG_ADR       :=
ALL_DP_SLAVES_OK     :=
```

SUM_SLAVES_DIAG :=

SLAVE_ADR :=

SLAVE_STATE :=

SLAVE_IDENT_NO :=

ERROR_NO :=

ERROR_TYPE :=

MODULE_NO :=

MODULE_STATE :=

CHANNEL_NO :=

CHANNEL_TYPE :=

CHANNEL_ERROR_CODE :=

CHANNEL_ERROR_INFO_1 :=

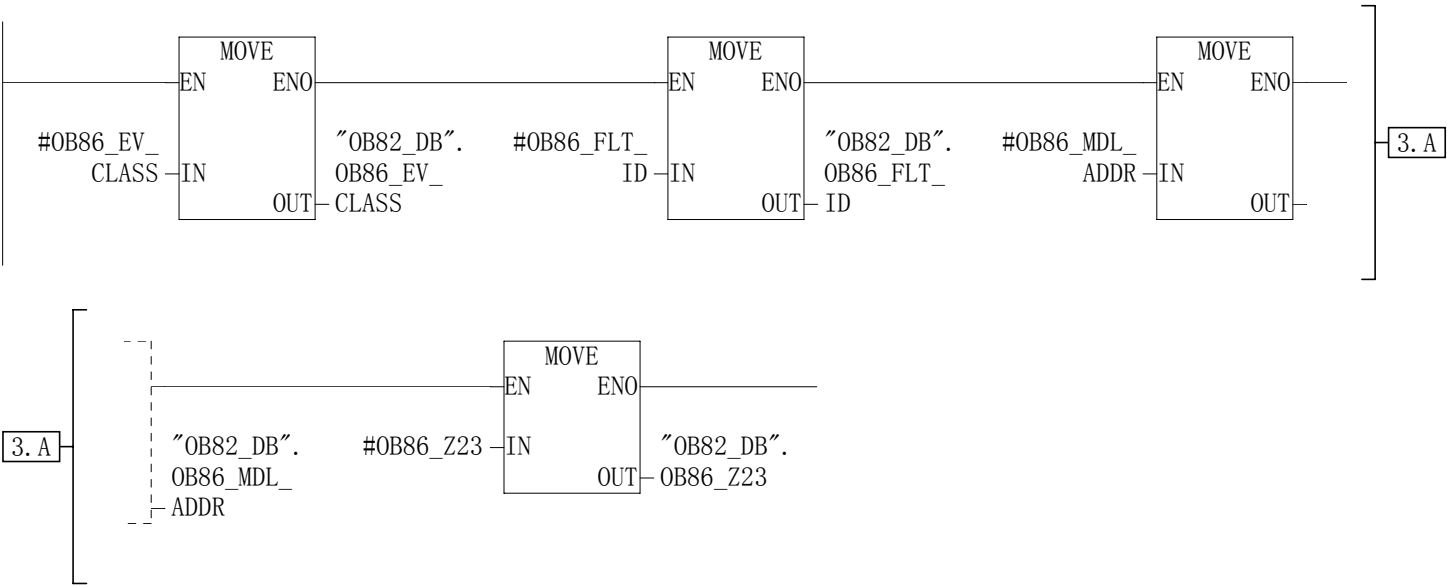
CHANNEL_ERROR_INFO_2 :=

DIAG_COUNTER :=

DIAG_OVERFLOW :=

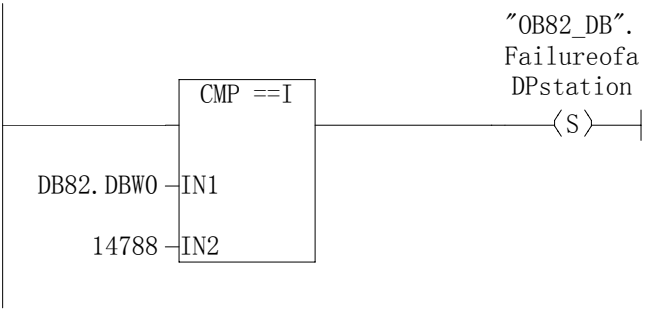
BUSY :=

Network: 3

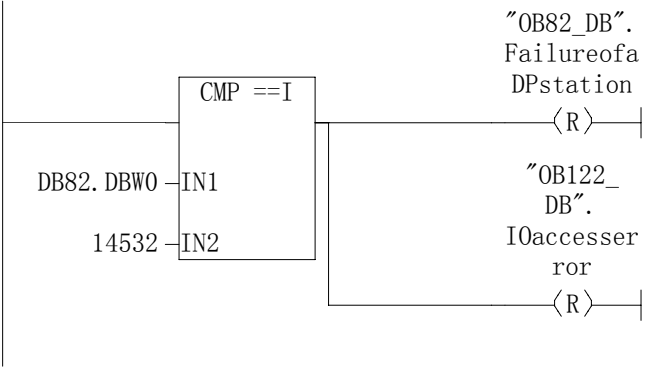


Network: 4

B#16#39/B#16#38 B#16#C4 Failure of a DP station
?OB86_MDL_ADDR: Logical base address of the DP master
?OB86_Z23: Address of the affected DP slave:
- Bit 0 to 7: No. of the DP station
- Bit 8 to 15: DP master system ID
- Bit 16 to 30: logical base address of an S7 slave or diagnostic address of a standard DP slave
- Bit 31: I/O identifier



Network: 5



OB122 - <offline>

"MOD_ERR" Module Access Error

Name: Family:

Author: Version: 0.1

Block version: 2

Time stamp Code: 06/29/2009 06:55:11 AM

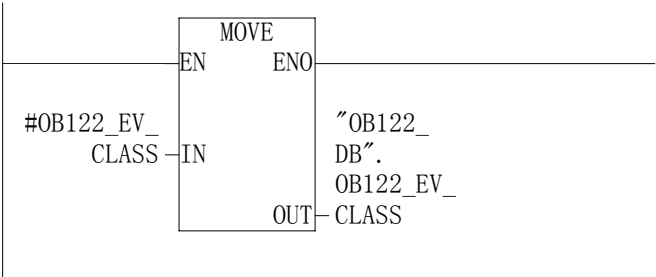
Interface: 02/15/1996 04:51:10 PM

Lengths (block/logic/data): 00154 00038 00020

Name	Data Type	Address	Comment
TEMP		0.0	
OB122_EV_CLASS	Byte	0.0	16#29, Event class 2, Entering event state, Internal fault event
OB122_SW_FLT	Byte	1.0	16#XX Software error code
OB122_PRIORITY	Byte	2.0	Priority of OB Execution
OB122_OB_NUMBR	Byte	3.0	122 (Organization block 122, OB122)
OB122_BLK_TYPE	Byte	4.0	16#88/8C/8E Type of block fault occurred in
OB122_MEM_AREA	Byte	5.0	Memory area where access error occurred
OB122_MEM_ADDR	Word	6.0	Memory address where access error occurred
OB122_BLK_NUM	Word	8.0	Block number in which error occurred
OB122_PRG_ADDR	Word	10.0	Program address where error occurred
OB122_DATE_TIME	Date_And_Time	12.0	Date and time OB1 started

Block: OB122 "Module Access Error"

Network: 1



Network: 2

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"OB122_DB".OB122_EV_CLASS
41
WEIT
"OB122_DB".IOaccesserror

WEIT: NOP 0