

FC20 - <offline>

"Digital I/O to TCS"

Name:
Author: Cristian
Time stamp Code:
Lengths (block/logic/data): 01332 01152 00006

Family:
Version: 0.1
Block version: 2
Interface: 02/02/1999 12:14:59 PM

Name	Data Type	Address	Comment
IN		0.0	
OUT		0.0	
IN_OUT		0.0	
TEMP		0.0	
RETURN		0.0	
RET_VAL		0.0	

Block: FC20

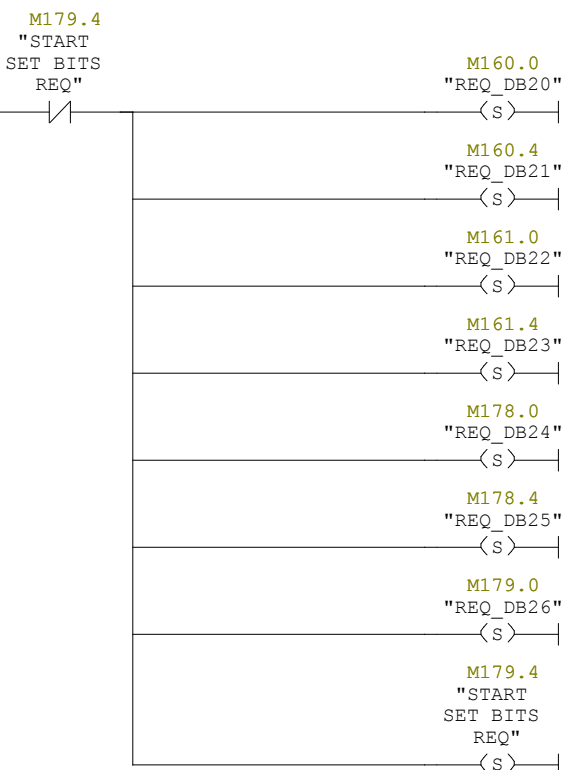
Network: 1

```

L   QD      0
T   DB20.DBD  0
L   QD      4
T   DB20.DBD  4
L   QD      8
T   DB20.DBD  8

```

Network: 2



Symbol information

M179.4	START SET BITS REQ
M160.0	REQ_DB20
M160.4	REQ_DB21
M161.0	REQ_DB22
M161.4	REQ_DB23
M178.0	REQ_DB24
M178.4	REQ_DB25
M179.0	REQ_DB26

Network: 3

L	14
T	"LEN_DB20" MW162

Network: 4

M190.1	M160.0
"MEM_REQ_	"REQ_DB20"
DB20"	<S>

Symbol information

M190.1	MEM_REQ_DB20
M160.0	REQ_DB20

Network: 5

M160.3	M179.5	M179.6
"ERROR_	"FP_ERROR_	"FDS_
DB20"	DB20"	ERROR_
	<P>	DB20"

Symbol information

M160.3	ERROR_DB20
M179.5	FP_ERROR_DB20
M179.6	FDS_ERROR_DB20

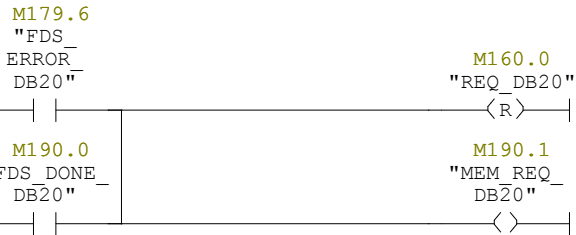
Network: 6

M160.2	M179.7	M190.0
"DONE_	"FP_DONE_	"FDS_DONE_
DB20"	DB20"	DB20"
	<P>	<>

Symbol information

M160.2	DONE_DB20
M179.7	FP_DONE_DB20
M190.0	FDS_DONE_DB20

Network: 7

**Symbol information**

```

M179.6      FDS_ERROR_DB20
M190.0      FDS_DONE_DB20
M160.0      REQ_DB20
M190.1      MEM_REQ_DB20

```

Network: 8

```

CALL "BSEND" , "INSTANCE for DB20" SFB12 / DB30      -- Sending Segmented Data
IN0 := "REQ_DB20"          M160.0
IN1 := "R_DB20"           M160.1
IN2 := W#16#1000
IN3 := "R_ID for SFB 12"  MD154
OUT4 := "DONE_DB20"       M160.2
OUT5 := "ERROR_DB20"      M160.3
OUT6 := "STATUS_DB20"     MW158
IO7 := P#DB20.DBX 0.0 BOOL 1
IO8 := "LEN_DB20"         MW162

```

Network: 9

```

L      82
T      "LEN_DB21" MW166

```

Network: 10

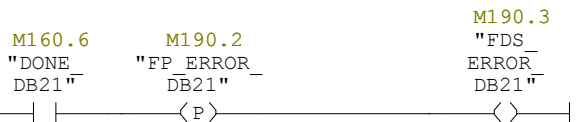
**Symbol information**

```

M190.6      MEM_REQ_DB21
M160.4      REQ_DB21

```

Network: 11



Symbol information

M160.6 DONE_DB21
M190.2 FP_ERROR_DB21
M190.3 FDS_ERROR_DB21

Network: 12

```

M160.7      M190.4      M190.5
"ERROR_     "FP_DONE_     "FDS_DONE_
DB21"      DB21"      DB21"
|          |          |
|-----<P>-----<>-----|

```

Symbol information

M160.7 ERROR_DB21
M190.4 FP_DONE_DB21
M190.5 FDS_DONE_DB21

Network: 13

```

M190.3      M160.4
"FDS_       "REQ_DB21"
ERROR_     <R>
DB21"
|          |
|-----<R>-----|

M190.5      M190.6
"FDS_DONE_  "MEM_REQ_
DB21"      DB21"
|          |
|-----<>-----|

```

Symbol information

M190.3 FDS_ERROR_DB21
M190.5 FDS_DONE_DB21
M160.4 REQ_DB21
M190.6 MEM_REQ_DB21

Network: 14

```

CALL "BSEND" , "INSTANCE for DB21" SFB12 / DB31    -- Sending Segmented Data
IN0 := "REQ_DB21"                      M160.4
IN1 := "R_DB21"                        M160.5
IN2 := W#16#1000
IN3 := "R_ID for SFB 12"                MD154
OUT4 := "DONE_DB21"                     M160.6
OUT5 := "ERROR_DB21"                    M160.7
OUT6 := "STATUS_DB21"                   MW164
IO7 := P#DB21.DBX 0.0 WORD 1
IO8 := "LEN_DB21"                       MW166

```

Network: 15

```

L      82
T      "LEN_DB22" MW170

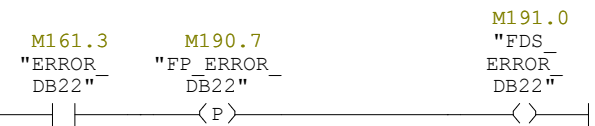
```

Network: 16

**Symbol information**

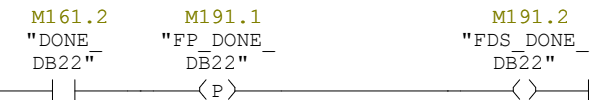
M191.3 MEM_REQ_DB22
M161.0 REQ_DB22

Network: 17

**Symbol information**

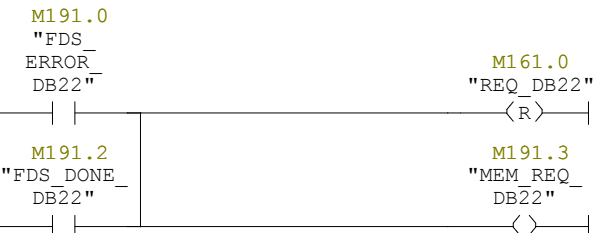
M161.3 ERROR_DB22
M190.7 FP_ERROR_DB22
M191.0 FDS_ERROR_DB22

Network: 18

**Symbol information**

M161.2 DONE_DB22
M191.1 FP_DONE_DB22
M191.2 FDS_DONE_DB22

Network: 19

**Symbol information**

M191.0 FDS_ERROR_DB22
M191.2 FDS_DONE_DB22
M161.0 REQ_DB22
M191.3 MEM_REQ_DB22

Network: 20

```

CALL  "BSEND" , "ISTANCE for DB22"  SFB12 / DB32      -- Sending Segmented Data
IN0  := "REQ_DB22"                    M161.0
IN1  := "R_DB22"                      M161.1
IN2  := "W#16#1000"
IN3  := "R_ID for SFB 12"             MD154
OUT4 := "DONE_DB22"                   M161.2
OUT5 := "ERROR_DB22"                  M161.3
OUT6 := "STATUS_DB22"                 MW168
IO7  := "P#DB22.DBX 0.0 WORD 1"
IO8  := "LEN_DB22"                    MW170

```

Network: 21

```

L     122
T     "LEN_DB23" MW174

```

Network: 22

```

M192.0      M161.4
"MEM_REQ_   "REQ_DB23"
DB23"      <S>
|-----|-----|

```

Symbol information

```

M192.0      MEM_REQ_DB23
M161.4      REQ_DB23

```

Network: 23

```

M161.7      M191.4      M191.5
"ERROR_     "FP_ERROR_  "FDS
DB23"      DB23"      ERROR_
           <P>         DB23"
           < >
|-----|-----|

```

Symbol information

```

M161.7      ERROR_DB23
M191.4      FP_ERROR_DB23
M191.5      FDS_ERROR_DB23

```

Network: 24

```

M161.6      M191.6      M191.7
"DONE       "FP_DONE_   "FDS_DONE_
DB23"      DB23"      DB23"
           <P>         < >
|-----|-----|

```

Symbol information

```

M161.6      DONE_DB23
M191.6      FP_DONE_DB23
M191.7      FDS_DONE_DB23

```

Network: 25

**Symbol information**

M191.5	FDS_ERROR_DB23
M191.7	FDS_DONE_DB23
M161.4	REQ_DB23
M192.0	MEM_REQ_DB23

Network: 26

```
CALL "BSEND" , "INSTANCE for DB23" SFB12 / DB33      -- Sending Segmented Data
IN0 := "REQ_DB23"           M161.4
IN1 := "R_DB23"            M161.5
IN2 := W#16#1000
IN3 := "R_ID for SFB 12"   MD154
OUT4 := "DONE_DB23"       M161.6
OUT5 := "ERROR_DB23"      M161.7
OUT6 := "STATUS_DB23"     MW172
IO7 := P#DB23.DBX 0.0 WORD 1
IO8 := "LEN_DB23"         MW174
```

Network: 27

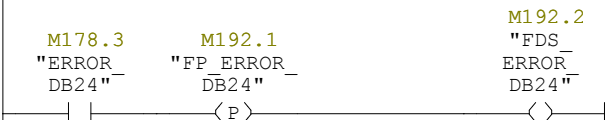
```
L    38
T    "LEN_DB24" MW180
```

Network: 28

**Symbol information**

M192.5	MEM_REQ_DB24
M178.0	REQ_DB24

Network: 29



Symbol information

M178.3 ERROR_DB24
M192.1 FP_ERROR_DB24
M192.2 FDS_ERROR_DB24

Network: 30

```

M178.2      M192.3      M192.4
"DONE_     "FP_DONE_     "FDS_DONE_
DB24"      DB24"      DB24"
|          |          |
|-----<P>-----<>-----|

```

Symbol information

M178.2 DONE_DB24
M192.3 FP_DONE_DB24
M192.4 FDS_DONE_DB24

Network: 31

```

M192.2      M178.0
"FDS_      "REQ_DB24"
ERROR_
DB24"      |
|          |-----<R>-----|
|          |
M192.4      M192.5
"FDS_DONE_ "MEM_REQ_
DB24"      DB24"
|          |
|-----<>-----|

```

Symbol information

M192.2 FDS_ERROR_DB24
M192.4 FDS_DONE_DB24
M178.0 REQ_DB24
M192.5 MEM_REQ_DB24

Network: 32

```

CALL "BSEND" , "INSTANCE for DB24" SFB12 / DB34    -- Sending Segmented Data
IN0 := "REQ_DB24"                      M178.0
IN1 := "R_DB24"                        M178.1
IN2 := W#16#1000
IN3 := "R_ID for SFB 12"                MD154
OUT4 := "DONE_DB24"                     M178.2
OUT5 := "ERROR_DB24"                    M178.3
OUT6 := "STATUS_DB24"                   MW176
IO7 := P#DB24.DBX 0.0 WORD 1
IO8 := "LEN_DB24"                       MW180

```

Network: 33

```

L      28
T      "LEN_DB25" MW184

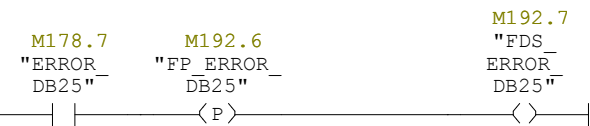
```


Network: 34

**Symbol information**

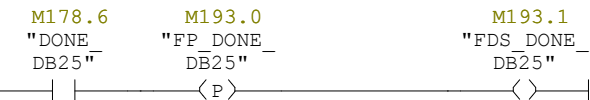
M193.2 MEM_REQ_DB25
M178.4 REQ_DB25

Network: 35

**Symbol information**

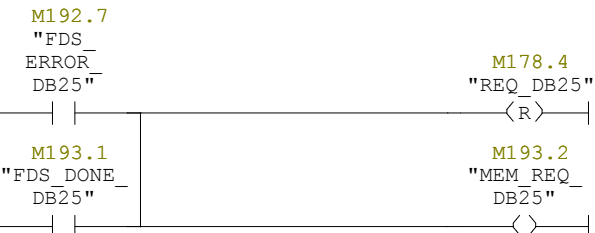
M178.7 ERROR_DB25
M192.6 FP_ERROR_DB25
M192.7 FDS_ERROR_DB25

Network: 36

**Symbol information**

M178.6 DONE_DB25
M193.0 FP_DONE_DB25
M193.1 FDS_DONE_DB25

Network: 37

**Symbol information**

M192.7 FDS_ERROR_DB25
M193.1 FDS_DONE_DB25
M178.4 REQ_DB25
M193.2 MEM_REQ_DB25

Network: 38

```

CALL "BSEND" , "ISTANCE for DB25" SFB12 / DB35      -- Sending Segmented Data
IN0 := "REQ_DB25"           M178.4
IN1 := "R_DB25"             M178.5
IN2 := "W#16#1000
IN3 := "R_ID for SFB 12"    MD154
OUT4 := "DONE_DB25"         M178.6
OUT5 := "ERROR_DB25"        M178.7
OUT6 := "STATUS_DB25"       MW182
IO7 := "P#DB25.DBX 0.0 BOOL 1
IO8 := "LEN_DB25"           MW184

```

Network: 39

```

L      28
T      "LEN_DB26" MW188

```

Network: 40

```

M193.7      "MEM_REQ_
DB26"
M179.0      "REQ_DB26"
|-----<S>-----|

```

Symbol information

```

M193.7      MEM_REQ_DB26
M179.0      REQ_DB26

```

Network: 41

```

M179.3      "ERROR_
DB26"
M193.3      "FP_ERROR_
DB26"
M193.4      "FDS_
ERROR_
DB26"
|-----<P>-----<>-----|

```

Symbol information

```

M179.3      ERROR_DB26
M193.3      FP_ERROR_DB26
M193.4      FDS_ERROR_DB26

```

Network: 42

```

M179.2      "DONE_
DB26"
M193.5      "FP_DONE_
DB26"
M193.6      "FDS_DONE_
DB26"
|-----<P>-----<>-----|

```

Symbol information

```

M179.2      DONE_DB26
M193.5      FP_DONE_DB26
M193.6      FDS_DONE_DB26

```

Network: 43



Symbol information
M193.4 FDS_ERROR_DB26
M193.6 FDS_DONE_DB26
M179.0 REQ_DB26
M193.7 MEM_REQ_DB26

Network: 44

```
CALL "BSEND" , "INSTANCE for DB26" SFB12 / DB36 -- Sending Segmented Data
IN0 := "REQ_DB26" M179.0
IN1 := "R_DB26" M179.1
IN2 := W#16#1000
IN3 := "R_ID for SFB 12" MD154
OUT4 := "DONE_DB26" M179.2
OUT5 := "ERROR_DB26" M179.3
OUT6 := "STATUS_DB26" MW186
IO7 := P#DB26.DBX0.0 BOOL 1
IO8 := "LEN_DB26" MW188
```

Network: 45

BE