

FC3 - <offline>

"MC\_Reset"

**Name:**

**Author:** Hlozek

**Time stamp Code:**

**Interface:**

**Lengths (block/logic/data):** 00468 00308 00012

**Family:**

**Version:** 0.1

**Block version:** 2

05/26/2009 02:40:53 PM

04/07/2009 01:26:30 PM

Name	Data Type	Address	Comment
IN		0.0	
Axis_DB	Block_DB	0.0	DB rizene jednotky
Execute	Bool	2.0	Provedeni resetu
OUT		0.0	
Done	Bool	4.0	Reset probehl
Busy	Bool	4.1	Reset probiha
Error	Bool	4.2	Vyskyt chyby
ErrorID	DWord	6.0	Cislo chyby
IN_OUT		0.0	
TEMP		0.0	
Cislo	Word	0.0	Cislo DB
Delka	Word	2.0	Delka DB v bytech
Return	Int	4.0	Navratova hodnota (0=OK)
WrPr	Bool	6.0	DB chranen proti prepsani (1=ANO)
ST1	Bool	6.1	Jde o Standardni telegram 1
ST2	Bool	6.2	Jde o Standardni telegram 2
T9	Bool	6.3	Jde o Telegram 9
T110	Bool	6.4	Jde o Telegram 110
T111	Bool	6.5	Jde o Telegram 111
NeznamyT	Bool	6.6	Pomocna promenna pro skok
Delka_Int	Int	8.0	Delka DB
RETURN		0.0	
RET_VAL		0.0	

**Block: FC3 Funkce pro reset rizeneho polohovaciho objektu.**

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Verze: 1.0  
Datum: 15.2.2009  
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Pro spravnou funkci musi byt v CPU nahrana SFC24!  
Tato funkce je navrzena pro ovladani jednotky pomoci telegramu 1,2,9,110 a 111!  
Po uprave pocatecnich srovnavacich podminek a zmene nastavovanych bitu muze byt  
ale pouzita i pro jine telegramy.

Na vystupu ErrorID se vypisuje pripadna chyba (A = neznamy telegram).

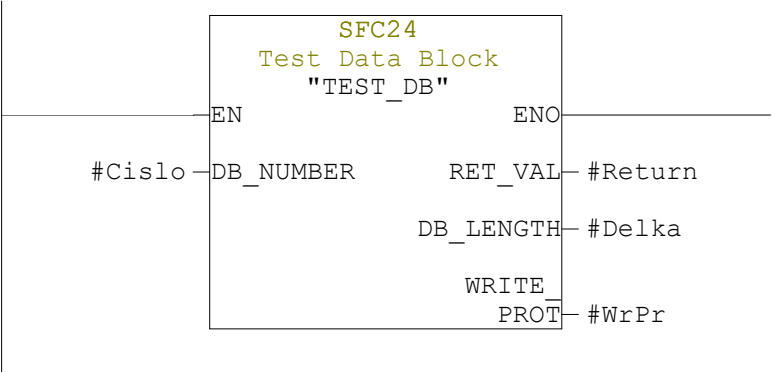
Network: 1            Otvoreni potrebneho DB



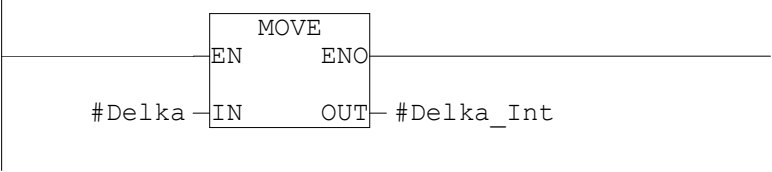
Network: 2            Nahrani cisla DB do akumulatoru a prenos do promenne Cislo

L        DBNO  
T        #Cislo

Network: 3            Vypocet delky DB v bytech

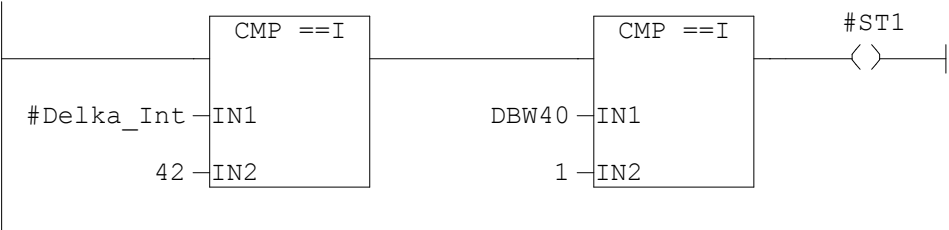


Network: 4            Prevod wordu na integer

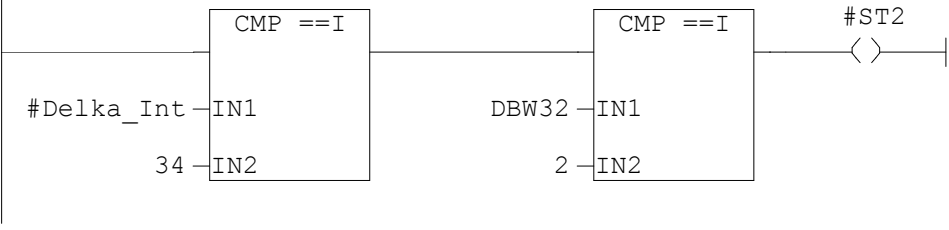


Network: 5      Standardni telegram 1

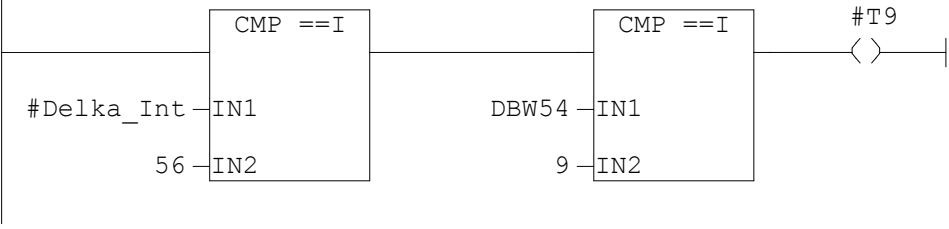
Pokud je delka DB pro ST1 42 bytu a na 40 bytu je integer s hodnotou 1 (identifikace), pak se jedna o Standard telegram c.1 .



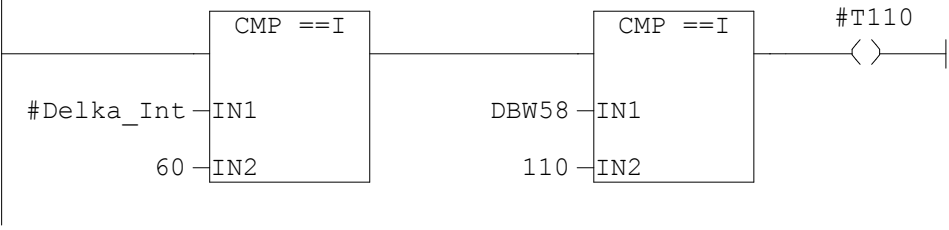
Network: 6      Standardni telegram 2



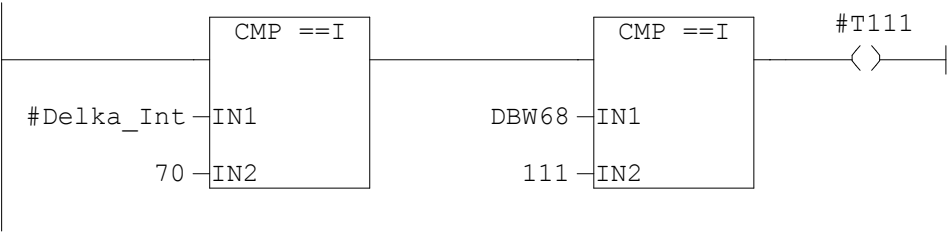
Network: 7      Telegram 9



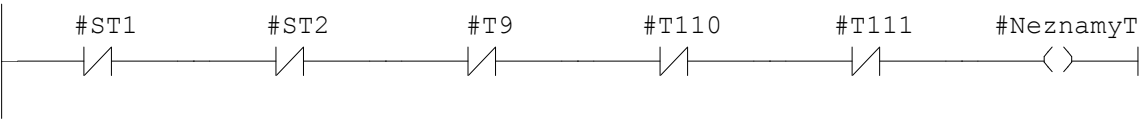
Network: 8      Telegram 110



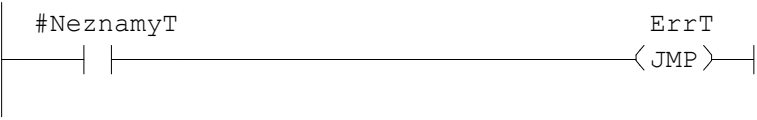
Network: 9Telegram 111



Network: 10Nastaveni pomocne promenne pri neznamem telegramu



Network: 11Skok na pozadovane navesti pri neznamem telegramu

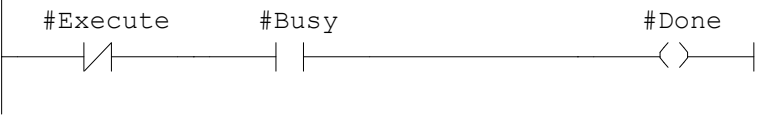


Network: 12Nastaveni vstupu Ack\_fault na 1

DBX4.7 = Acknowledge faults



Network: 13

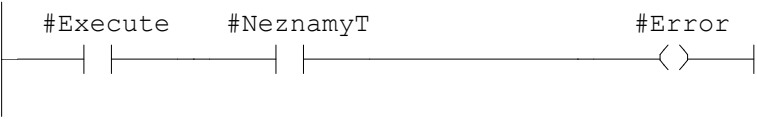
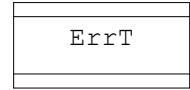


Network: 14



Network: 15      Sem dojde ke skoku pri chybe

Na vystupu se objevi vyskyt chyby.



Network: 16      Zapis chyby na vystup ErrorID

A = neznamy telegram

