

OB1 - <offline>

"Main_Program"

Name:

Author:

Family:

Version: 0.1

Block version: 2

Time stamp Code:

Interface:

06/26/2011 08:30:31 PM

02/15/1996 04:51:12 PM

Lengths (block/logic/data): 00446 00316 00036

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

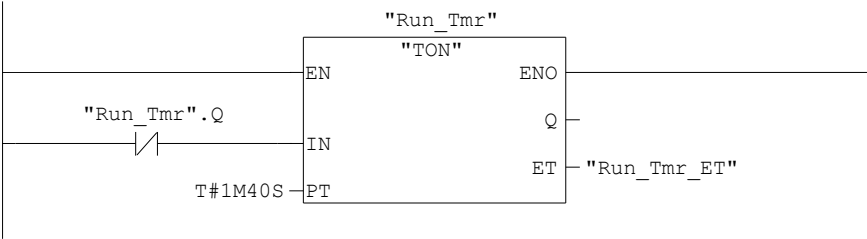
Block: OB1 "Main Program Sweep (Cycle)"

Example 17.1 PLC3 program

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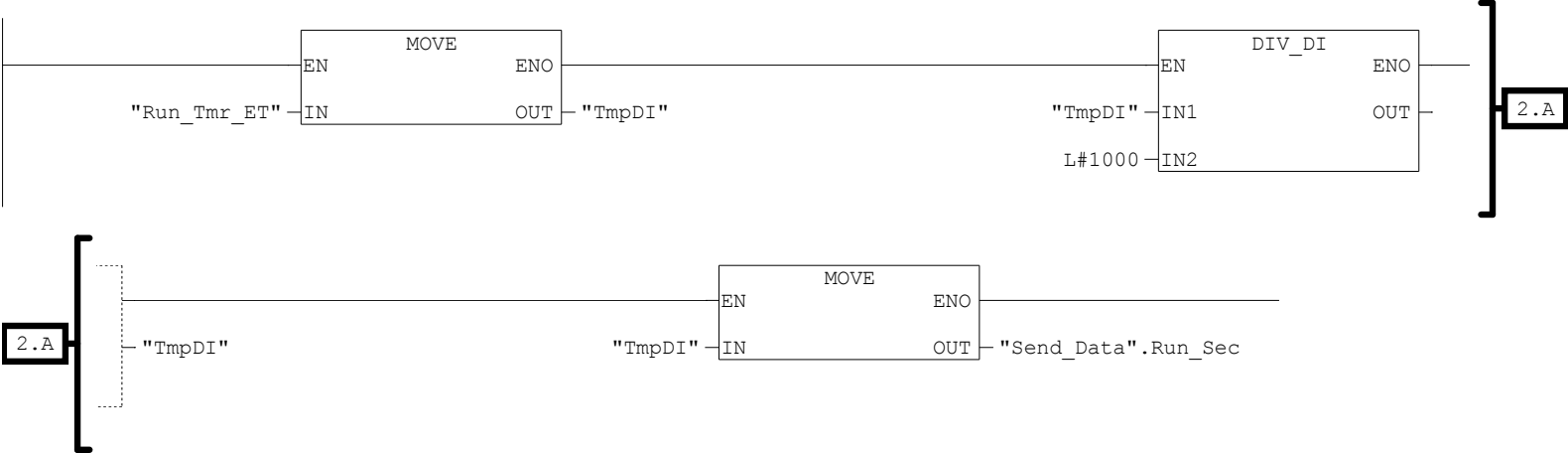
Network: 1

Free runing timer that resets every 100 seconds.



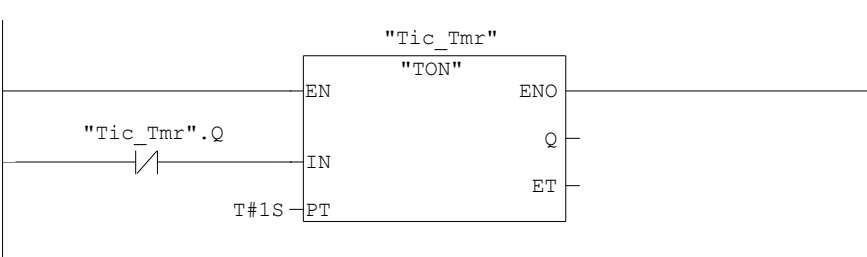
Network: 2

Convert Run_Tmr ET into seconds



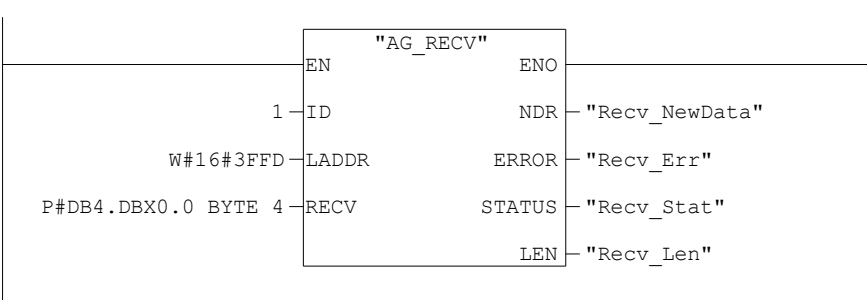
Network: 3

Timer for Messages



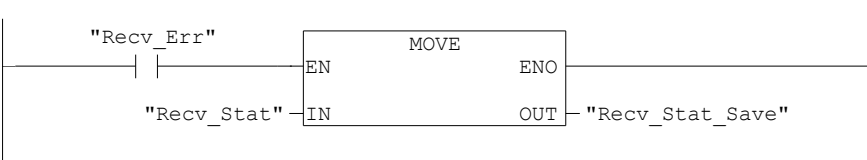
Network: 4

AG_RECV for data sent from S7PLC2



Network: 5

If error, save error code



Network: 6
If new data received, save length.

