

TECHNICAL DOCUMENTATION

Example 11.3

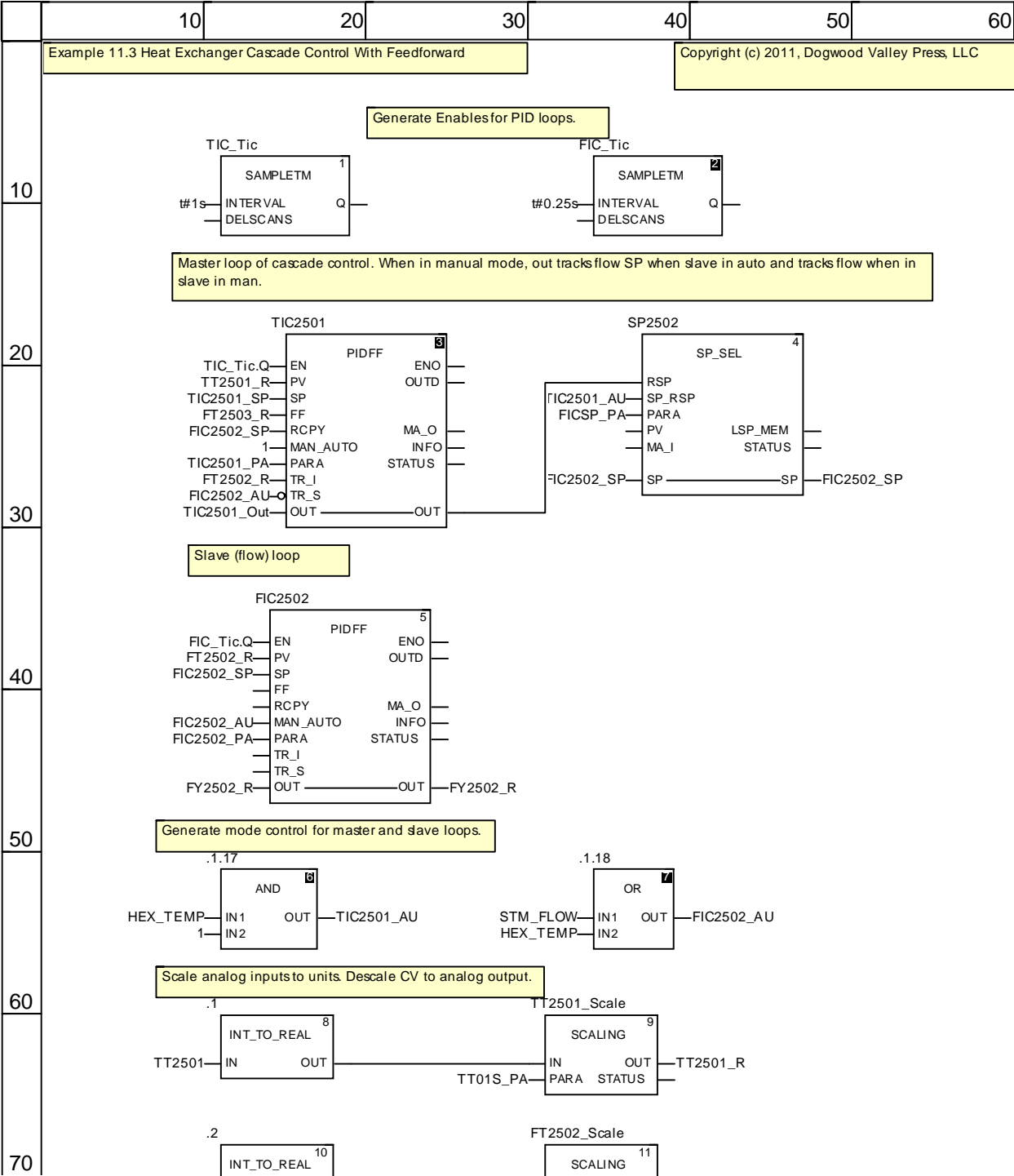
Project	Example 11.3
Designer	
Application	example_11_3.stu
Software Version	ControlExpert V15.0-SP1
Creation Date	6/16/2023 9:44:48 AM
Last Modification Date	6/16/2023 9:44:48 AM
Target PLC	BMX P34 1000 02.00CPU 340-10 Modbus

MAST

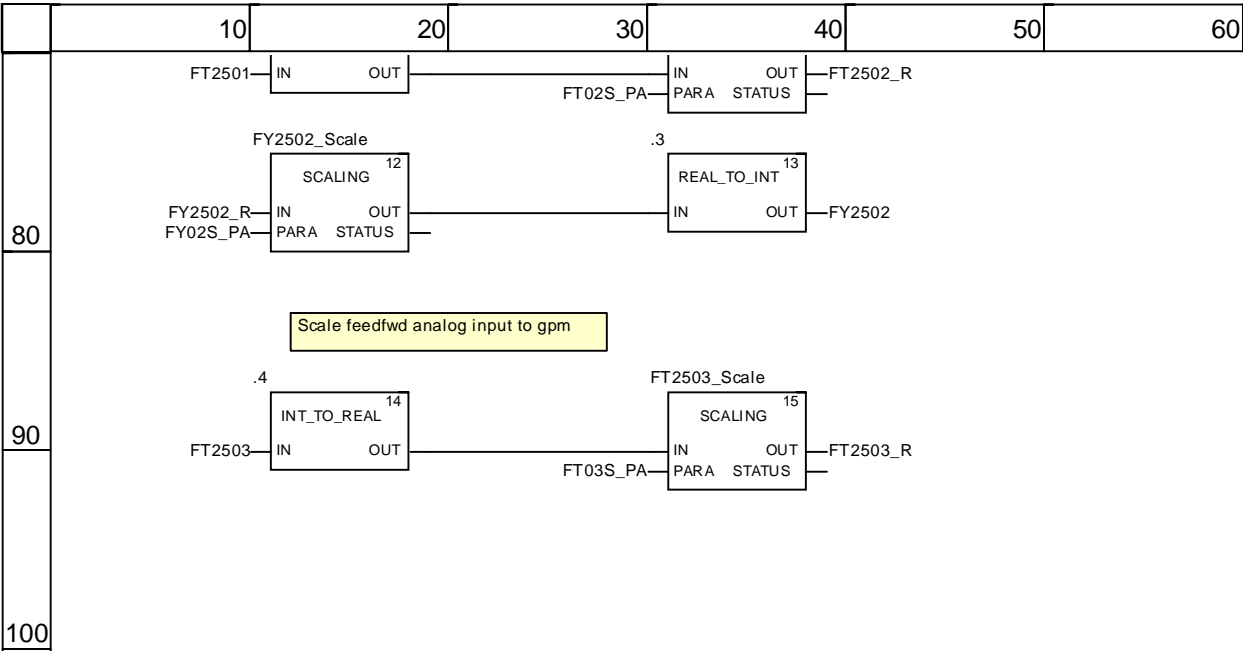
Specific properties

Configuration	Cyclic
Task period configuration	0
Watchdog time configuration	250

Main : [MAST]



	70
10	
20	
30	
40	
50	
60	
70	



	70
80	
90	
100	

Blocks with 'Execute after' attribute:

Instance name	Position	Execute after	Position (EA)
.1.17	(11, 51)	FIC2502	(14, 35)
.1.18	(34, 51)	.1.17	(11, 51)
FIC_Tic	(34, 7)	TIC_Tic	(11, 7)
TIC2501	(15, 18)	FIC_Tic	(34, 7)

FAST

Specific properties

Configuration	Periodic
Task period configuration	5
Watchdog time configuration	100

Cross References

Application:

Addresses

Object	Referred into	Location	Usage
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Variables or FB instances

Object	Referred into	Location	Usage
FIC2502	Main : [MAST]	(I 35, c: 14)	FC
FIC2502_AU	Main : [MAST]	(I 18, c: 15)	R
		(I 35, c: 14)	R
		(I 51, c: 34)	W
FIC2502_PA	Main : [MAST]	(I 35, c: 14)	R
FIC2502_SP	Main : [MAST]	(I 18, c: 15)	R
		(I 35, c: 14)	R
		(I 18, c: 37)	R/W
		(I 18, c: 37)	R/W
FIC_Tic	Main : [MAST]	(I 35, c: 14)	R
		(I 7, c: 34)	FC
FICSP_PA	Main : [MAST]	(I 18, c: 37)	R
FT02S_PA	Main : [MAST]	(I 68, c: 31)	R
FT03S_PA	Main : [MAST]	(I 87, c: 31)	R
FT2501	Main : [MAST]	(I 68, c: 11)	R
FT2502_R	Main : [MAST]	(I 18, c: 15)	R
		(I 35, c: 14)	R
		(I 68, c: 31)	W
FT2502_Scale	Main : [MAST]	(I 68, c: 31)	FC
FT2503	Main : [MAST]	(I 87, c: 11)	R
FT2503_R	Main : [MAST]	(I 18, c: 15)	R
		(I 87, c: 31)	W
FT2503_Scale	Main : [MAST]	(I 87, c: 31)	FC
FY02S_PA	Main : [MAST]	(I 75, c: 11)	R
FY2502	Main : [MAST]	(I 75, c: 31)	W
FY2502_R	Main : [MAST]	(I 35, c: 14)	R/W
		(I 35, c: 14)	R/W
		(I 75, c: 11)	R
FY2502_Scale	Main : [MAST]	(I 75, c: 11)	FC
HEX_TEMP	Main : [MAST]	(I 51, c: 11)	R
		(I 51, c: 34)	R
SP2502	Main : [MAST]	(I 18, c: 37)	FC
STM_FLOW	Main : [MAST]	(I 51, c: 34)	R
TIC2501	Main : [MAST]	(I 18, c: 15)	FC
TIC2501_AU	Main : [MAST]	(I 18, c: 37)	R
		(I 51, c: 11)	W
TIC2501_Out	Main : [MAST]	(I 18, c: 15)	R/W
TIC2501_PA	Main : [MAST]	(I 18, c: 15)	R
TIC2501_SP	Main : [MAST]	(I 18, c: 15)	R
TIC_Tic	Main : [MAST]	(I 18, c: 15)	R
		(I 7, c: 11)	FC
TT01S_PA	Main : [MAST]	(I 60, c: 31)	R
TT2501	Main : [MAST]	(I 60, c: 11)	R
TT2501_R	Main : [MAST]	(I 18, c: 15)	R
		(I 60, c: 31)	W

Cross References

Object	Referred into	Location	Usage
TT2501_Scale	Main : [MAST]	(l: 60, c: 31)	FC

EF objects

Object	Referred into	Location	Usage
and	Main : [MAST]	(l: 51, c: 11)	FC
and_bool	Main : [MAST]	(l: 51, c: 11)	FC
int_to_real	Main : [MAST]	(l: 87, c: 11)	FC
		(l: 60, c: 11)	FC
		(l: 68, c: 11)	FC
or	Main : [MAST]	(l: 51, c: 34)	FC
or_bool	Main : [MAST]	(l: 51, c: 34)	FC
real_to_int	Main : [MAST]	(l: 75, c: 31)	FC

Cross References

New_DFB:

Variables or FB instances

Object	Referred into	Location	Usage
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