

TECHNICAL DOCUMENTATION

Example 13.2

Project	Example 13.2
Designer	
Application	example_13_2.stu
Software Version	ControlExpert V15.0-SP1
Creation Date	6/16/2023 2:01:04 PM
Last Modification Date	6/16/2023 2:03:21 PM
Target PLC	BMX P34 1000 02.00CPU 340-10 Modbus

MAST

Specific properties

Configuration	Cyclic
Task period configuration	0
Watchdog time configuration	250

SprayDefect : [MAST]

```
120| 1| 10| 20| 30| 40| 50| 60| 70| 80| 90| 100| 110|
    | 134|
1 (* Example 13.2 *)
2 (* Copyright (c) 2011 Dogwood Valley Press, LLC *)
3
4 LD      PDEFECT
5 ANDN    PROX5
6 OR      P_Seal
7 ANDN    Pls_Tmr.Q
8 ST      P_Seal
9 CAL     St_Delay(IN:=P_Seal, PT:=t#5s500ms, Q=>SPRAY)
10 CAL    Pls_Tmr(IN:=SPRAY, PT:=t#1s0ms)
```

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
P_Seal	SprayDefect : [MAST]	(l: 6, c: 4)	R
		(l: 8, c: 4)	W
		(l: 9, c: 18)	R
PDEFECT	SprayDefect : [MAST]	(l: 4, c: 4)	R
Pls_Tmr	SprayDefect : [MAST]	(l: 7, c: 6)	R
		(l: 10, c: 5)	FC
PROX5	SprayDefect : [MAST]	(l: 5, c: 6)	R
SPRAY	SprayDefect : [MAST]	(l: 9, c: 44)	W
		(l: 10, c: 17)	R
St_Delay	SprayDefect : [MAST]	(l: 9, c: 5)	FC

Cross References

New_DFB:

Variables or FB instances

Object	Referred into	Location	Usage
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