

TECHNICAL DOCUMENTATION

SP21_03

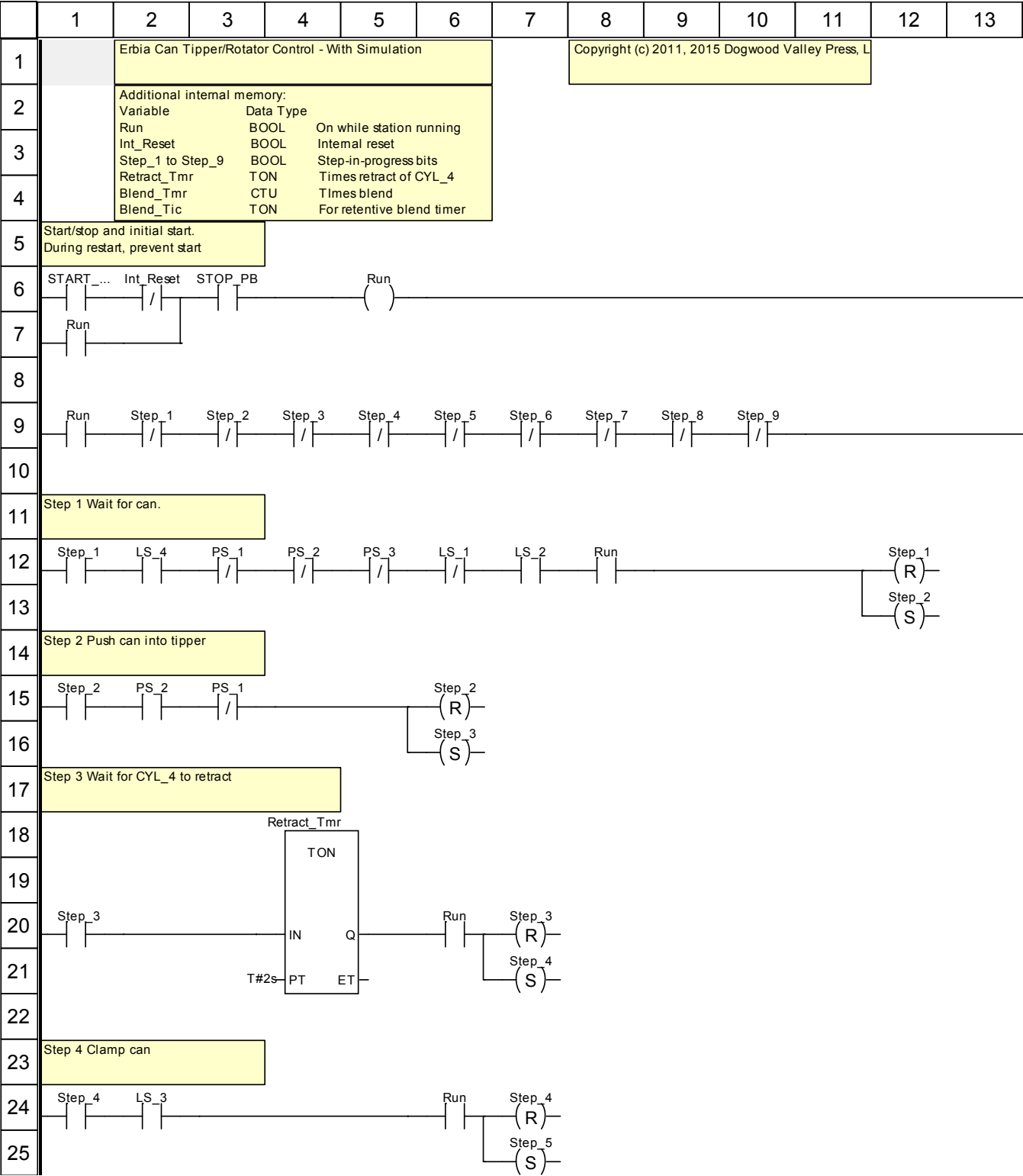
Project	SP21_03
Designer	
Application	sp21_03.stu
Software Version	Unity Pro L V10.0
Creation Date	4/12/2011 8:52:23 PM
Last Modification Date	12/24/2015 7:28:02 AM
Target PLC	BMX P34 1000 02.00CPU 340-10 Modbus

MAST

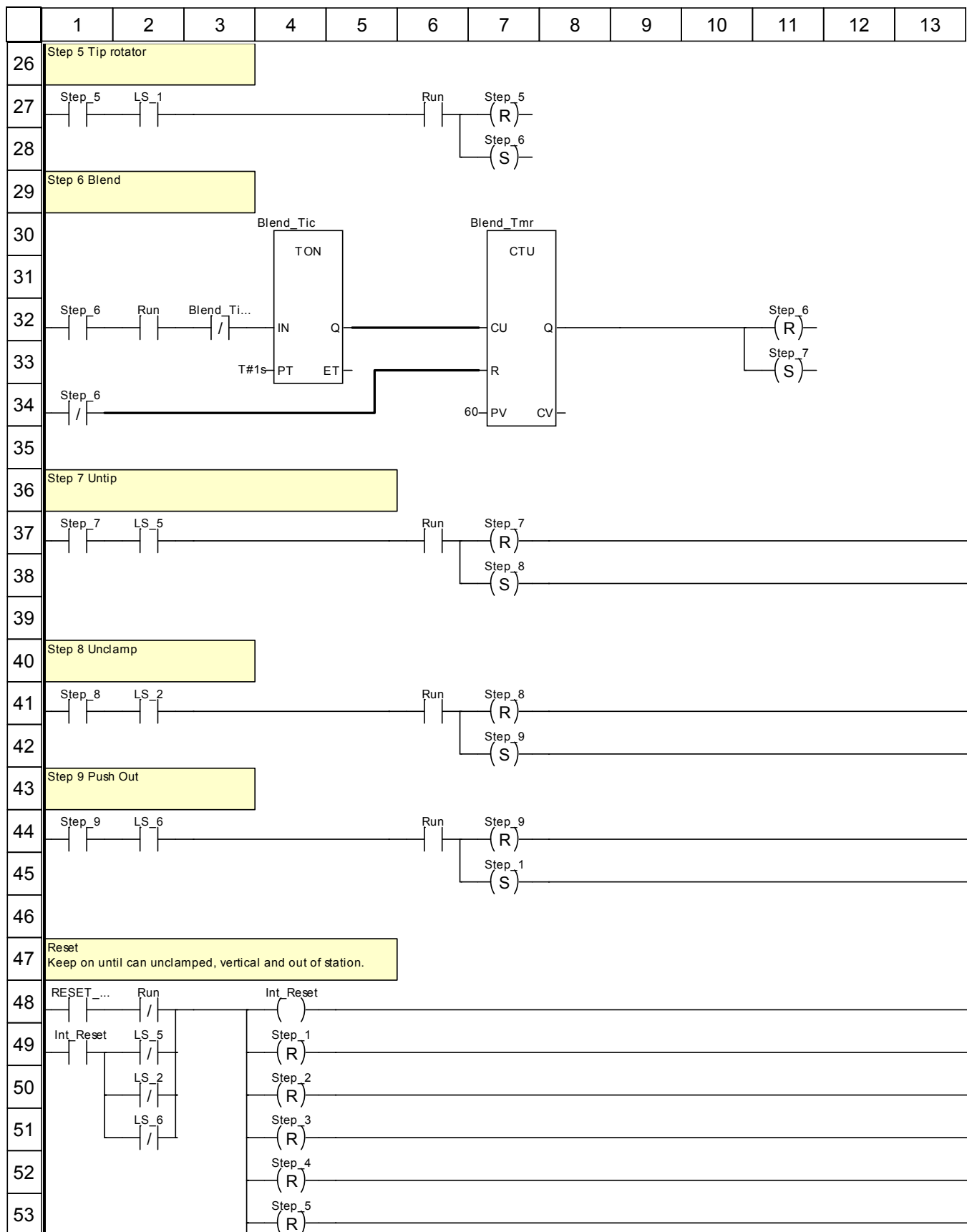
Specific properties

Configuration	Cyclic
Task period configuration	0
Watchdog time configuration	250

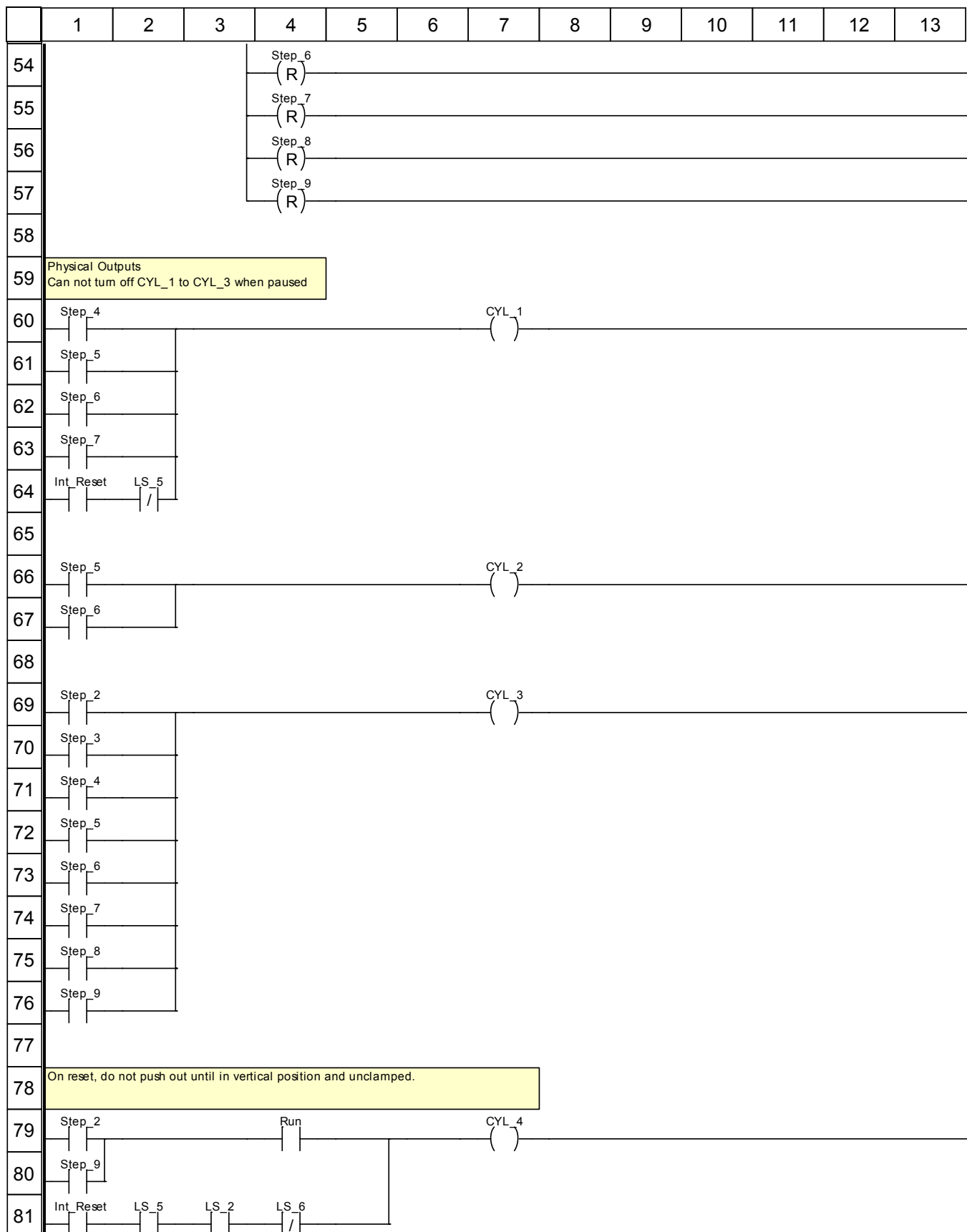
main : [MAST]



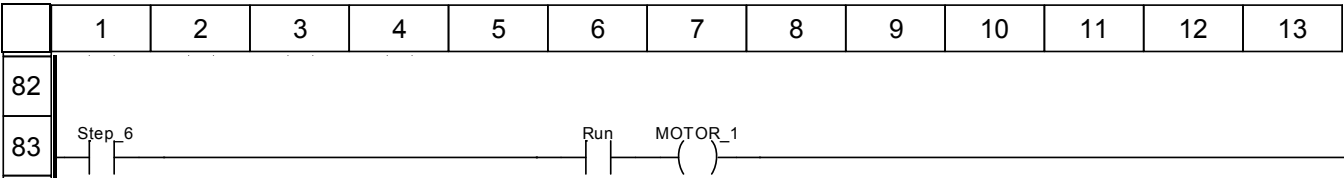
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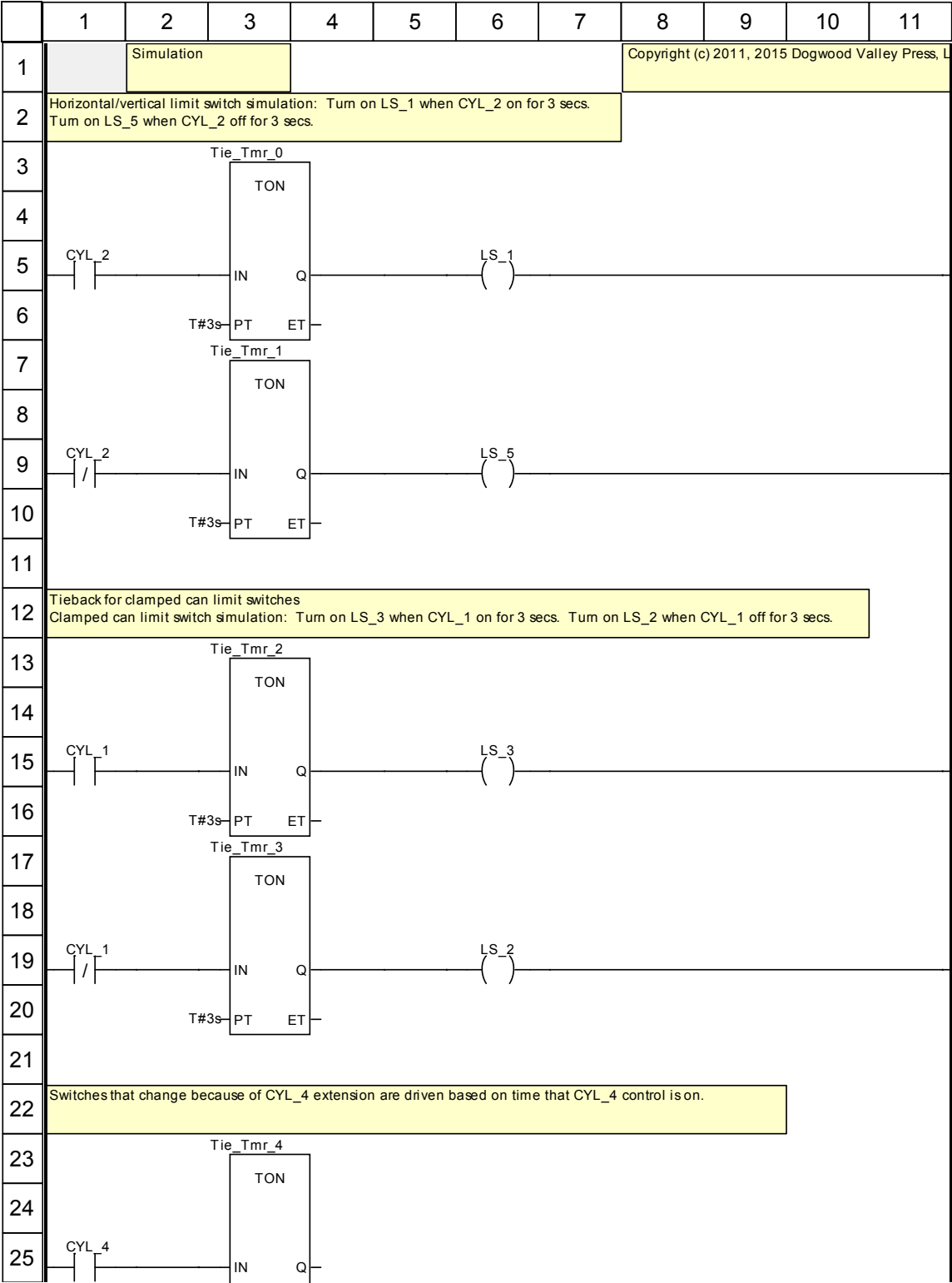


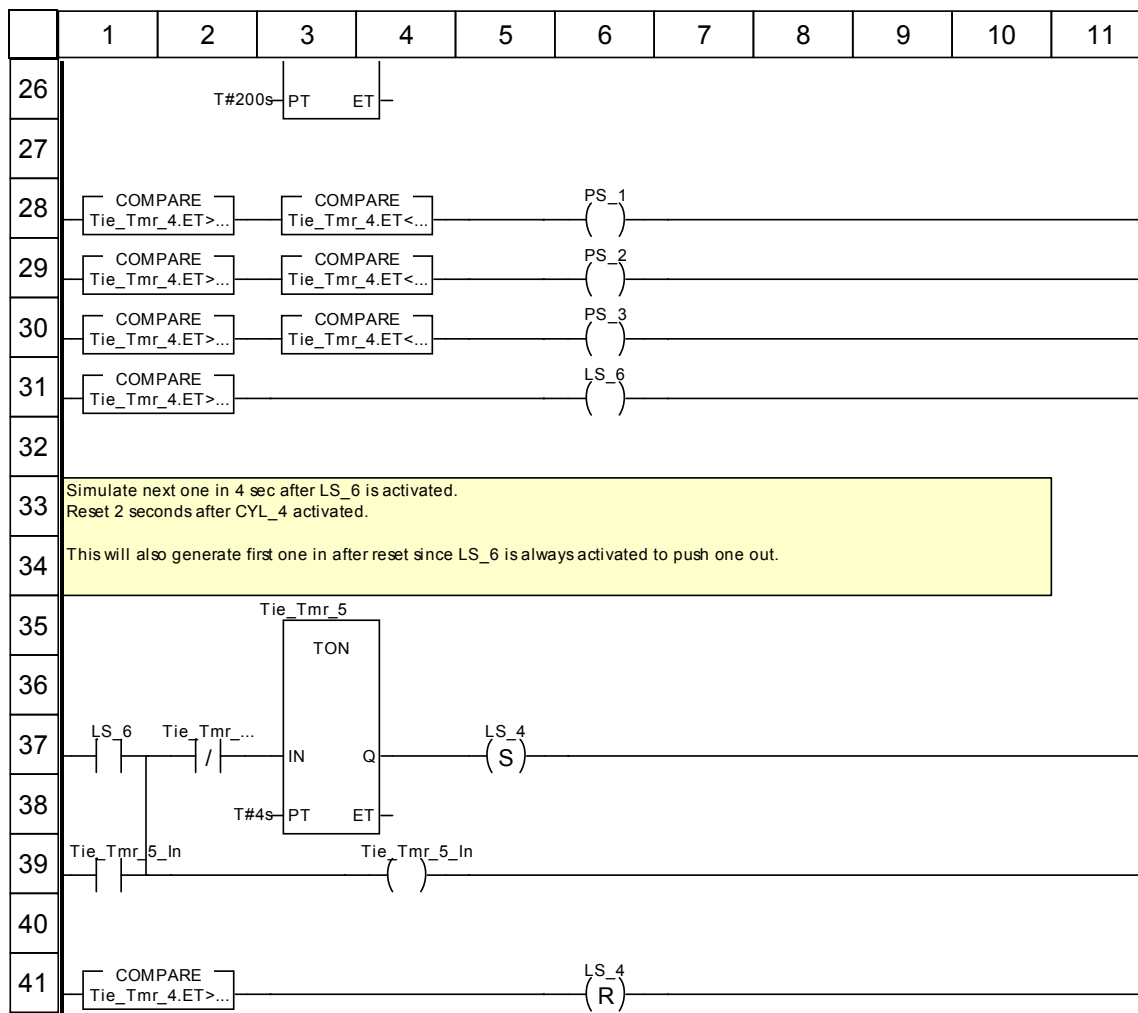
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83			

Truncated labels:

Label	Position(s)
Blend_Tic.Q	(3, 32)
RESET_PB	(1, 48)
START_PB	(1, 6)

Simulation : [MAST]





Cross References

Application:

Addresses

Object	Referred into	Location	Usage
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Variables or FB instances

Object	Referred into	Location	Usage
Blend_Tic	main : [MAST]	(l 32, c: 3)	R
		(l 30, c: 4)	FC
		(l 30, c: 4)	R
		(l 30, c: 4)	R
Blend_Tmr	main : [MAST]	(l 30, c: 7)	FC
		(l 30, c: 7)	R
		(l 30, c: 7)	R
		(l 30, c: 7)	R
CYL_1	Simulation : [MAST]	(l 15, c: 1)	R
		(l 19, c: 1)	R
	main : [MAST]	(l 60, c: 7)	W
CYL_2	Simulation : [MAST]	(l 5, c: 1)	R
		(l 9, c: 1)	R
	main : [MAST]	(l 66, c: 7)	W
CYL_3	main : [MAST]	(l 69, c: 7)	W
CYL_4	Simulation : [MAST]	(l 25, c: 1)	R
	main : [MAST]	(l 79, c: 7)	W
Int_Reset	main : [MAST]	(l 6, c: 2)	R
		(l 48, c: 4)	W
		(l 49, c: 1)	R
		(l 64, c: 1)	R
		(l 81, c: 1)	R
LS_1	Simulation : [MAST]	(l 5, c: 6)	W
	main : [MAST]	(l 12, c: 6)	R
		(l 27, c: 2)	R
LS_2	Simulation : [MAST]	(l 19, c: 6)	W
	main : [MAST]	(l 12, c: 7)	R
		(l 41, c: 2)	R
		(l 50, c: 2)	R
		(l 81, c: 3)	R
LS_3	Simulation : [MAST]	(l 15, c: 6)	W
	main : [MAST]	(l 24, c: 2)	R
LS_4	Simulation : [MAST]	(l 37, c: 5)	W
		(l 41, c: 6)	W
	main : [MAST]	(l 12, c: 2)	R
LS_5	Simulation : [MAST]	(l 9, c: 6)	W
	main : [MAST]	(l 37, c: 2)	R
		(l 49, c: 2)	R
		(l 64, c: 2)	R
		(l 81, c: 2)	R
LS_6	Simulation : [MAST]	(l 31, c: 6)	W
		(l 37, c: 1)	R
	main : [MAST]	(l 44, c: 2)	R
		(l 51, c: 2)	R
		(l 81, c: 4)	R

Cross References

Object	Referred into	Location	Usage
MOTOR_1	main : [MAST]	(l 83, c: 7)	W
PS_1	Simulation : [MAST]	(l 28, c: 6)	W
	main : [MAST]	(l 12, c: 3)	R
		(l 15, c: 3)	R
PS_2	Simulation : [MAST]	(l 29, c: 6)	W
	main : [MAST]	(l 12, c: 4)	R
		(l 15, c: 2)	R
PS_3	Simulation : [MAST]	(l 30, c: 6)	W
	main : [MAST]	(l 12, c: 5)	R
RESET_PB	main : [MAST]	(l 48, c: 1)	R
Retract_Tmr	main : [MAST]	(l 18, c: 4)	FC
		(l 18, c: 4)	R
		(l 18, c: 4)	R
Run	main : [MAST]	(l 6, c: 5)	W
		(l 7, c: 1)	R
		(l 9, c: 1)	R
		(l 12, c: 8)	R
		(l 20, c: 6)	R
		(l 24, c: 6)	R
		(l 27, c: 6)	R
		(l 32, c: 2)	R
		(l 37, c: 6)	R
		(l 41, c: 6)	R
		(l 44, c: 6)	R
		(l 48, c: 2)	R
		(l 79, c: 4)	R
		(l 83, c: 6)	R
START_PB	main : [MAST]	(l 6, c: 1)	R
STOP_PB	main : [MAST]	(l 6, c: 3)	R
Step_1	main : [MAST]	(l 9, c: 2)	R
		(l 9, c: 16)	W
		(l 12, c: 1)	R
		(l 12, c: 12)	W
		(l 45, c: 7)	W
		(l 49, c: 4)	W
Step_2	main : [MAST]	(l 9, c: 3)	R
		(l 13, c: 12)	W
		(l 15, c: 1)	R
		(l 15, c: 6)	W
		(l 50, c: 4)	W
		(l 69, c: 1)	R
		(l 79, c: 1)	R
Step_3	main : [MAST]	(l 9, c: 4)	R
		(l 16, c: 6)	W
		(l 20, c: 1)	R
		(l 20, c: 7)	W
		(l 51, c: 4)	W
		(l 70, c: 1)	R
Step_4	main : [MAST]	(l 9, c: 5)	R
		(l 21, c: 7)	W
		(l 24, c: 1)	R
		(l 24, c: 7)	W
		(l 52, c: 4)	W
		(l 60, c: 1)	R
		(l 71, c: 1)	R

Cross References

Object	Referred into	Location	Usage
Step_5	main : [MAST]	(l 9, c: 6)	R
		(l 25, c: 7)	W
		(l 27, c: 1)	R
		(l 27, c: 7)	W
		(l 53, c: 4)	W
		(l 61, c: 1)	R
		(l 66, c: 1)	R
		(l 72, c: 1)	R
Step_6	main : [MAST]	(l 9, c: 7)	R
		(l 28, c: 7)	W
		(l 32, c: 1)	R
		(l 32, c: 11)	W
		(l 34, c: 1)	R
		(l 54, c: 4)	W
		(l 62, c: 1)	R
		(l 67, c: 1)	R
		(l 73, c: 1)	R
		(l 83, c: 1)	R
Step_7	main : [MAST]	(l 9, c: 8)	R
		(l 33, c: 11)	W
		(l 37, c: 1)	R
		(l 37, c: 7)	W
		(l 55, c: 4)	W
		(l 63, c: 1)	R
		(l 74, c: 1)	R
Step_8	main : [MAST]	(l 9, c: 9)	R
		(l 38, c: 7)	W
		(l 41, c: 1)	R
		(l 41, c: 7)	W
		(l 56, c: 4)	W
		(l 75, c: 1)	R
Step_9	main : [MAST]	(l 9, c: 10)	R
		(l 42, c: 7)	W
		(l 44, c: 1)	R
		(l 44, c: 7)	W
		(l 57, c: 4)	W
		(l 76, c: 1)	R
		(l 80, c: 1)	R
Tie_Tmr_0	Simulation : [MAST]	(l 3, c: 3)	FC
		(l 3, c: 3)	R
		(l 3, c: 3)	R
Tie_Tmr_1	Simulation : [MAST]	(l 7, c: 3)	FC
		(l 7, c: 3)	R
		(l 7, c: 3)	R
Tie_Tmr_2	Simulation : [MAST]	(l 13, c: 3)	FC
		(l 13, c: 3)	R
		(l 13, c: 3)	R
Tie_Tmr_3	Simulation : [MAST]	(l 17, c: 3)	FC
		(l 17, c: 3)	R
		(l 17, c: 3)	R
Tie_Tmr_4	Simulation : [MAST]	(l 28, c: 1)	R
		(l 28, c: 3)	R
		(l 29, c: 1)	R
		(l 29, c: 3)	R
		(l 30, c: 1)	R

Cross References

Object	Referred into	Location	Usage
		(l 30, c: 3)	R
		(l 31, c: 1)	R
		(l 41, c: 1)	R
		(l 23, c: 3)	FC
		(l 23, c: 3)	R
		(l 23, c: 3)	R
Tie_Tmr_5	Simulation : [MAST]	(l 37, c: 2)	R
		(l 35, c: 3)	FC
		(l 35, c: 3)	R
		(l 35, c: 3)	R
Tie_Tmr_5_In	Simulation : [MAST]	(l 39, c: 1)	R
		(l 39, c: 4)	W