Task / PLC_1 [CPU 314C-2 PN/DP] / Program blocks

Main [OB1]

Main Properties							
General							
Name	Main	**Number**	1	**Type**	OB	**Language**	LAD
Numbering	automatic						
Information							
Title	"Main Program Sweep (Cycle)"	**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

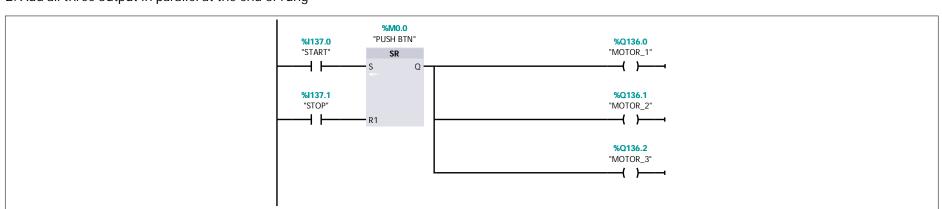| Main				
Name	**Data type**	**Offset**	**Default value**	**Comment**
▼ Temp				
OB1_EV_CLASS	Byte	0.0		Bits 0-3 = 1 (Coming event), Bits 4-7 = 1 (Event class 1)
OB1_SCAN_1	Byte	1.0		1 (Cold restart scan 1 of OB 1), 3 (Scan 2-n of OB 1)
OB1_PRIORITY	Byte	2.0		Priority of OB Execution
OB1_OB_NUMBR	Byte	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
Constant				

Network 1:

Task 6: Use of Normally open and close switch

Switch on 3 motors with a single start push button and stop all 3 motors with stop push button.

Steps:

1. Create Push Button and switches
2. Add all three output in parallel at the end of rung

Symbol	Address	Type	Comment
"MOTOR_1"	%Q136.0	Bool	
"MOTOR_2"	%Q136.1	Bool	
"MOTOR_3"	%Q136.2	Bool	
"PUSH BTN"	%M0.0	Bool	
"START"	%I137.0	Bool	
"STOP"	%I137.1	Bool	