

## X30\_Compressor\_Press\_rev5 / PLC\_1 [CPU 1215C DC/DC/DC] / Program blocks

### FLYWHEEL\_PRESS [FC2]

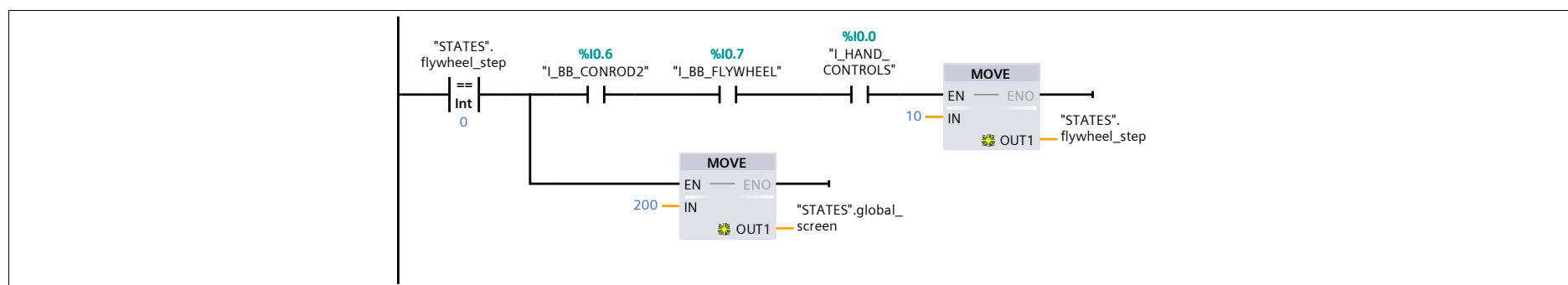
#### FLYWHEEL\_PRESS Properties

General							
Name	FLYWHEEL_PRESS	Number	2	Type	FC	Language	LAD
Numbering	automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

#### FLYWHEEL\_PRESS

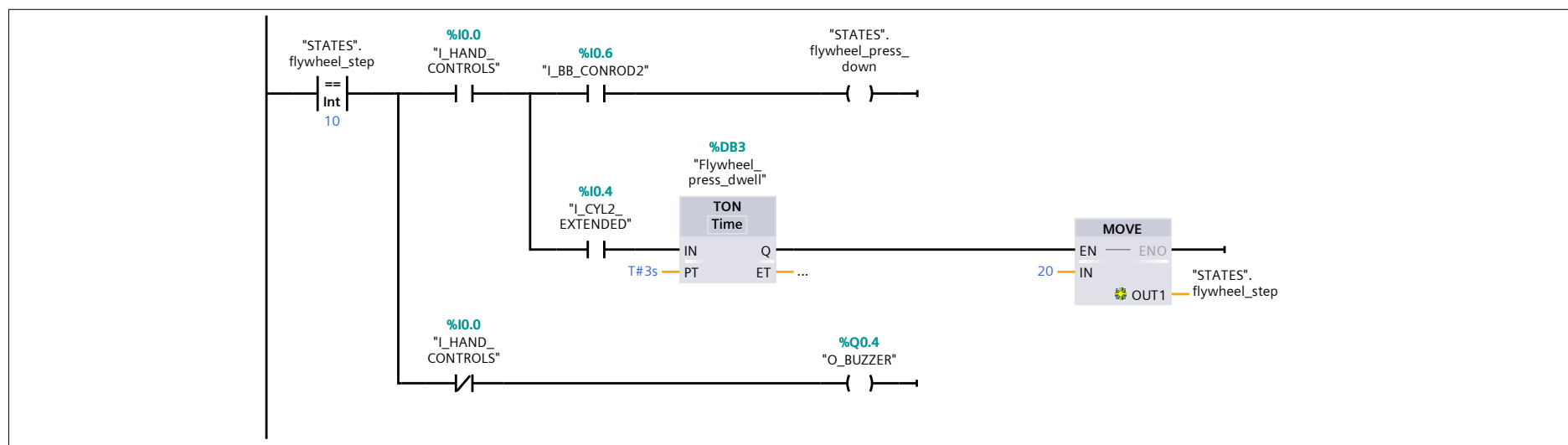
Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
Return			
FLYWHEEL_PRESS	Void		

#### Network 1: Flywheel positioning



Symbol	Address	Type	Comment
"I_BB_CONROD2"	%I0.6	Bool	
"I_BB_FLYWHEEL"	%I0.7	Bool	
"I_HAND_CONTROLS"	%I0.0	Bool	
"STATES".flywheel_step		Int	
"STATES".global_screen		Int	

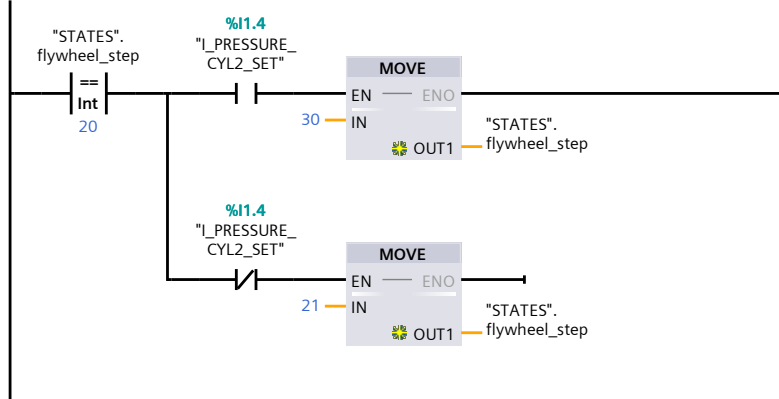
#### Network 2: press stroke



Symbol	Address	Type	Comment
"I_BB_CONROD2"	%I0.6	Bool	
"I_CYL2_EXTENDED"	%I0.4	Bool	
"I_HAND_CONTROLS"	%I0.0	Bool	
"O_BUZZER"	%Q0.4	Bool	
"STATES".flywheel_press_down		Bool	
"STATES".flywheel_step		Int	

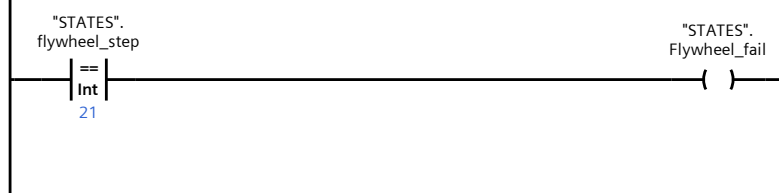
#### Network 3: Pressure check





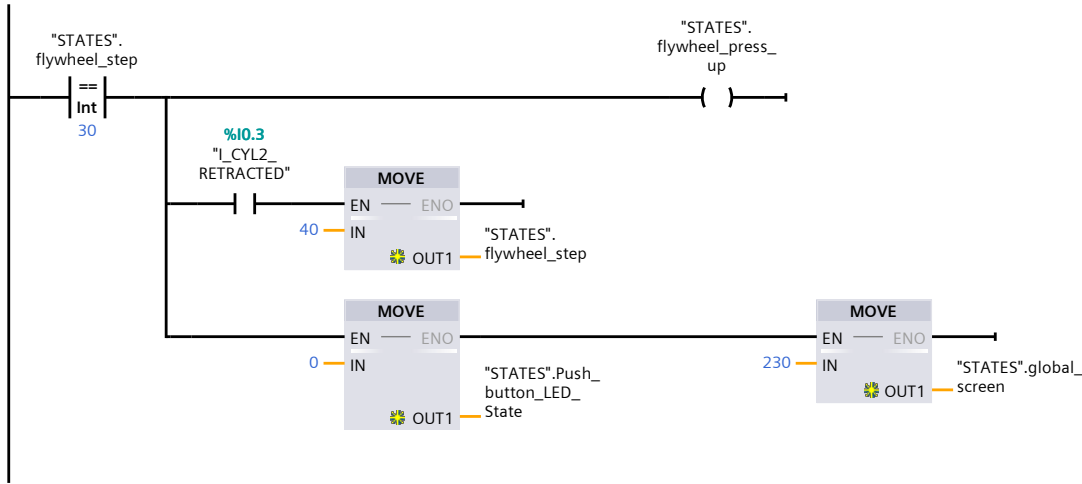
Symbol	Address	Type	Comment
"L_PRESSURE_CYL2_SET"	%I1.4	Bool	
"STATES".flywheel_step		Int	

**Network 4: Fault: insufficient pressure**



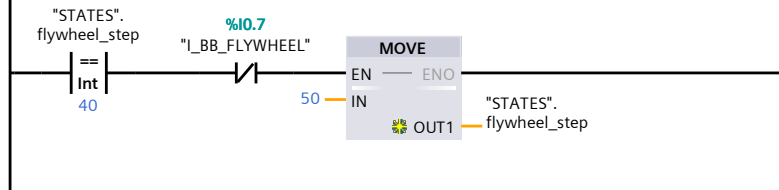
Symbol	Address	Type	Comment
"STATES".Flywheel_fail		Bool	
"STATES".flywheel_step		Int	

**Network 5: press success**



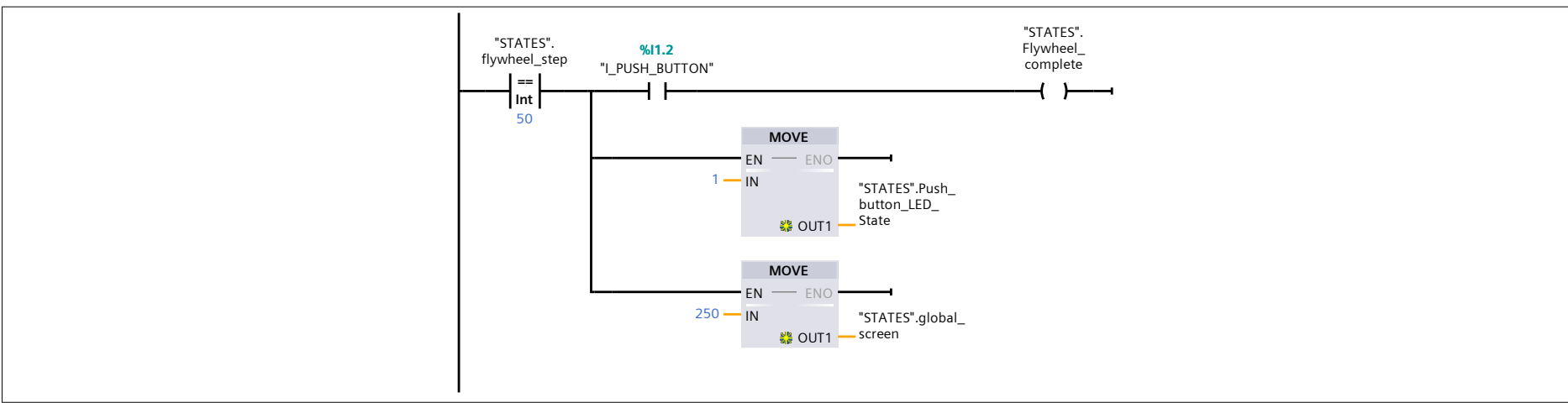
Symbol	Address	Type	Comment
"I_CYL2_RETRACTED"	%I0.3	Bool	
"STATES".flywheel_press_up		Bool	
"STATES".flywheel_step		Int	
"STATES".global_screen		Int	
"STATES".Push_button_LED_State		Int	

**Network 6: remove conrod**



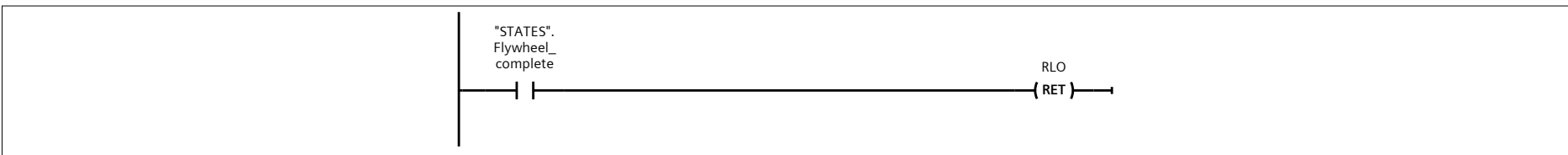
Symbol	Address	Type	Comment
"I_BB_FLYWHEEL"	%I0.7	Bool	
"STATES".flywheel_step		Int	

**Network 7:**



Symbol	Address	Type	Comment
"I_PUSH_BUTTON"	%I1.2	Bool	
"STATES".Flywheel_complete		Bool	
"STATES".flywheel_step		Int	
"STATES".global_screen		Int	
"STATES".Push_button_LED_State		Int	

**Network 8: END**



Symbol	Address	Type	Comment
"STATES".Flywheel_complete		Bool	