

FC_Drive_1 Properties							
General							
Name	FC_Drive_1	Number	100	Type	FC	Language	LAD
Numbering	Manual						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
FC_Drive_1	Void		

The screenshot shows the HW Config window for a Siemens PLC. The central component is the MC_RESET module. Its connections are as follows:

- Inputs:**
 - EN:** Connected to digital input %DB1.
 - Axis:** Connected to digital input %DB2.
 - Execute:** Connected to the output 'Data_block_Motor1_Ctrl_Status'.Structure_Drive_1.Execute_MC_reset.
 - Restart:** Connected to a constant false value.
- Outputs:**
 - ENO:** Connected to a bus line.
 - Done:** Connected to a constant false value.
 - Busy:** Connected to a constant false value.
 - Command Aborted:** Connected to a constant false value.
 - Error:** Connected to a constant false value.
 - ErrorId:** Connected to the constant value 16#0.

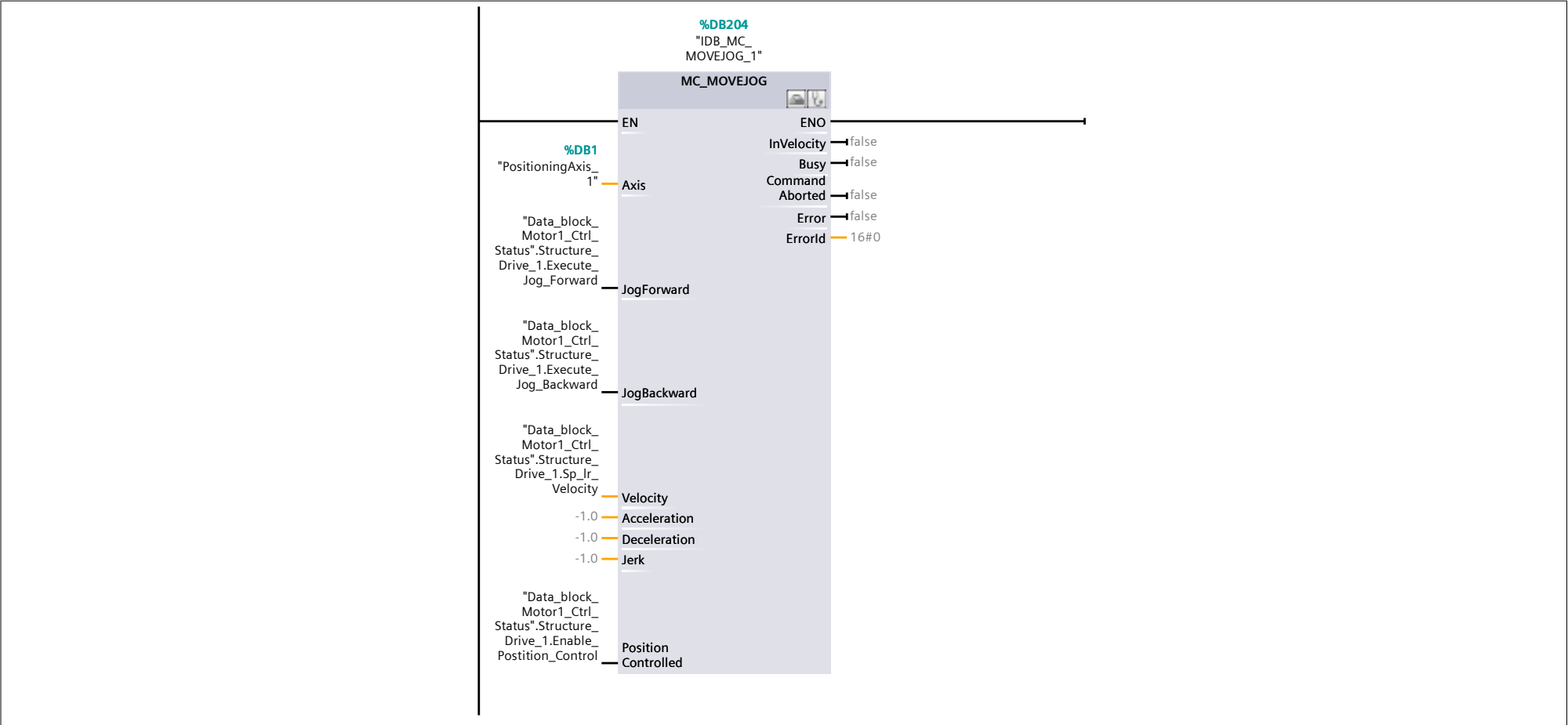
The screenshot displays the HW Config interface for a SIMATIC 300 station. The station is named 'SIMATIC 300 Station' and is configured with the following components:

- PS 307 5A**: Power supply module.
- CPU 314C-2 DP**: Central processing unit with integrated I/O.
- CP 343-1**: Communication module for PROFINET.

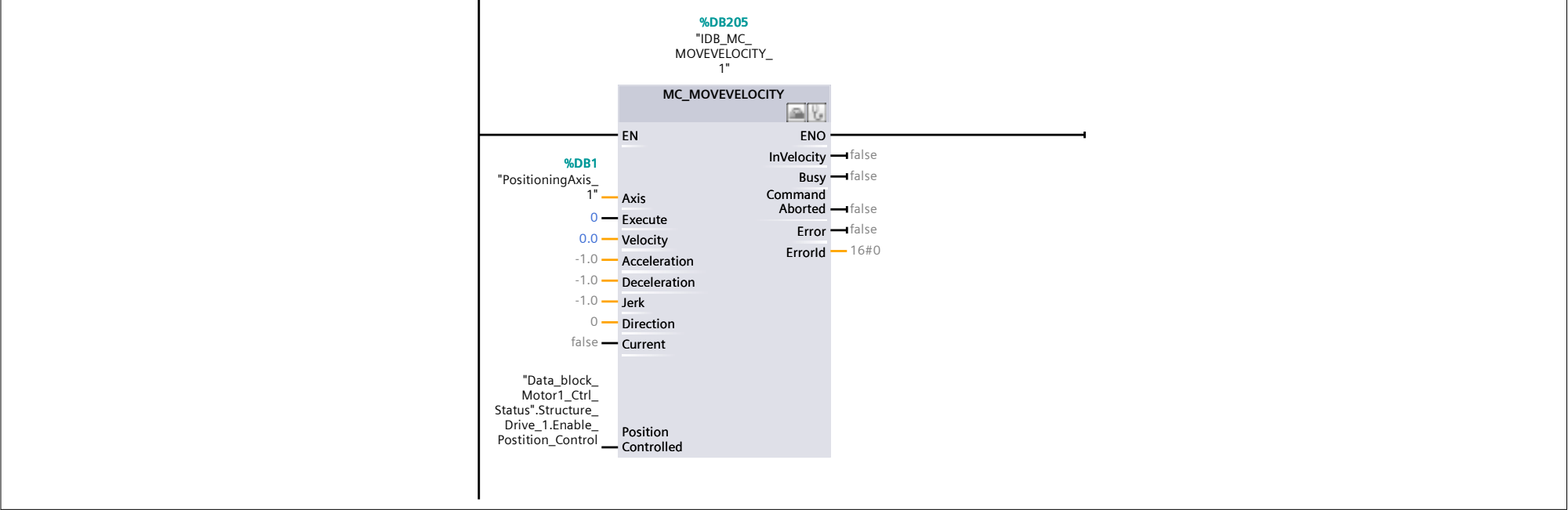
The I/O table shows the following configuration:

Module	Input	Output	Address
CPU 314C-2 DP	Digital Input	Digital Output	0.0 - 1.0
	Analog Input	Analog Output	1.0 - 1.5
	...		
	...		
	...		
	...		
	...		
	...		
	...		
	...		
	...		
	...		
CP 343-1	PROFINET	IP Address	192.168.1.1

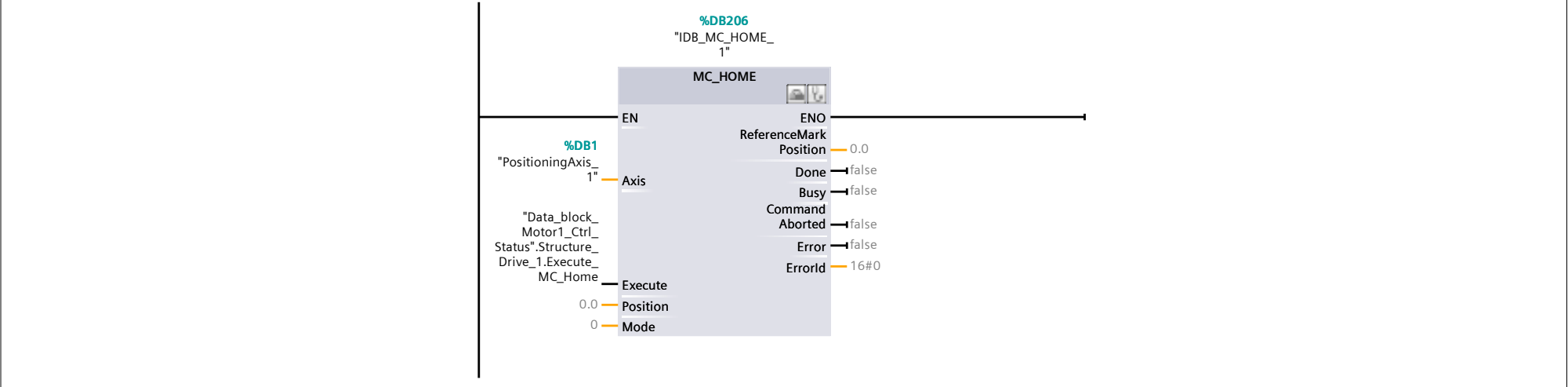
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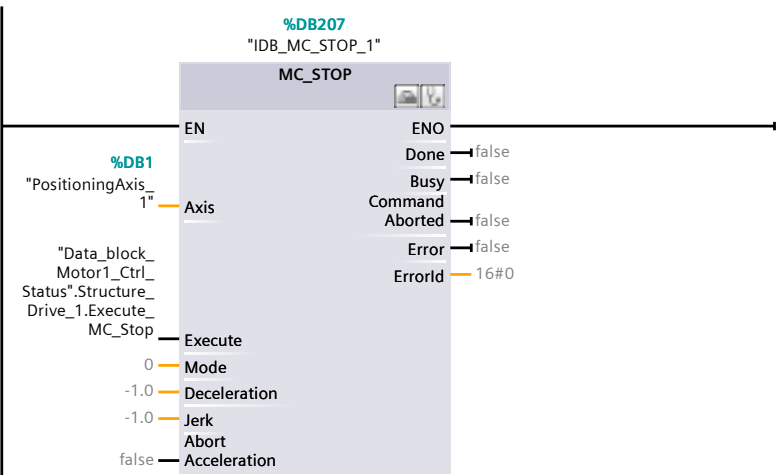
Network 5: Motor_1_MoveVelocity



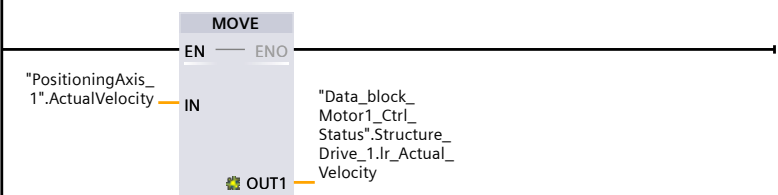
Network 6: Motor_1_Home



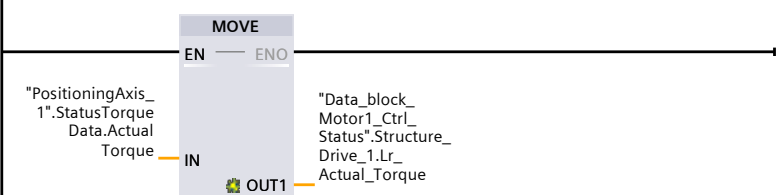
Network 7: Motor_1_Stop



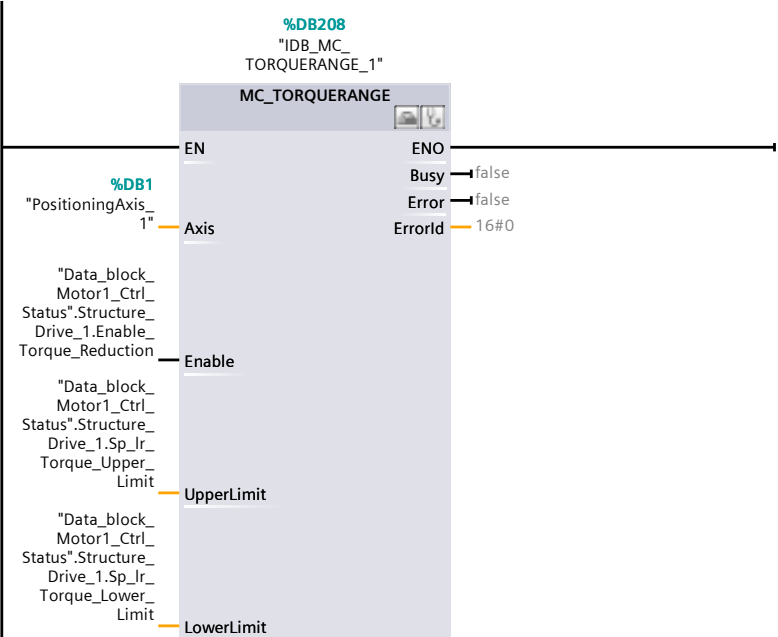
Network 8: Motor 1 actual velocity



Network 9: Motor 1 Actual Torque

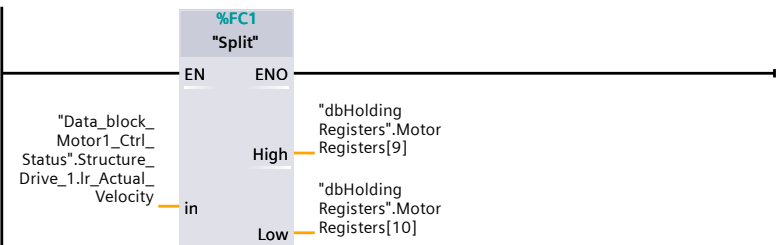


Network 10: Motor 1 Torque Range

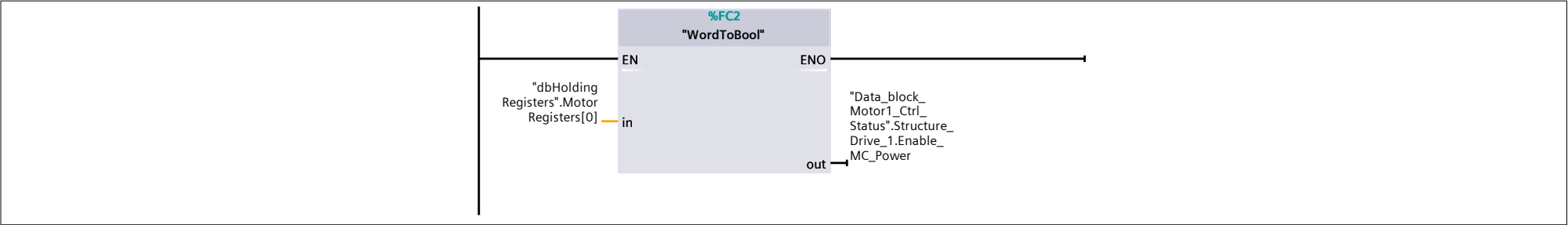


Network 11:

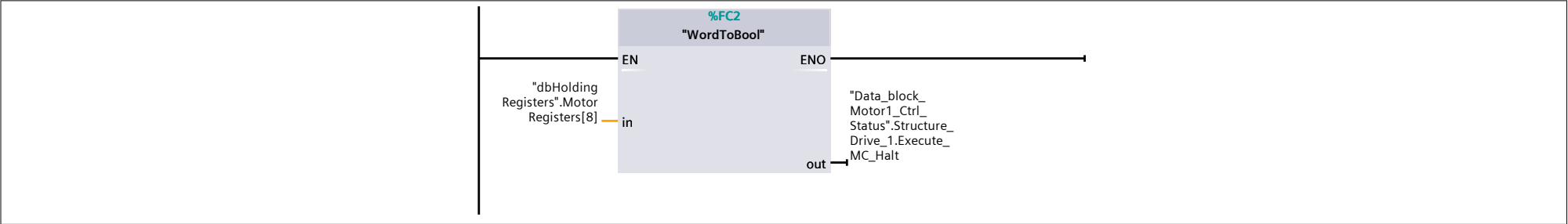
Read Velocoity Motor 1



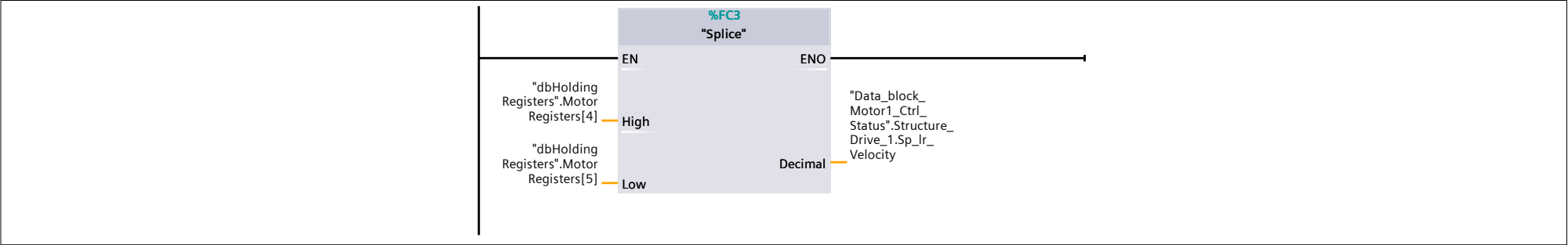
Network 12: Turn on Motor 1



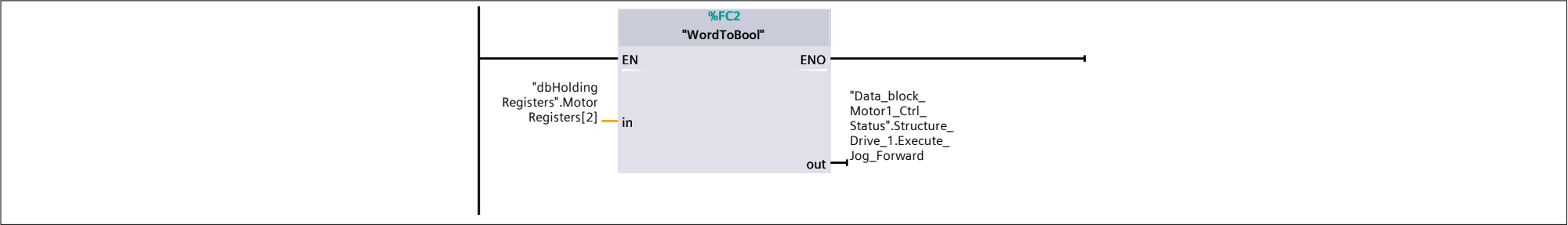
Network 13: Stop Motors



Network 14: Set Speed

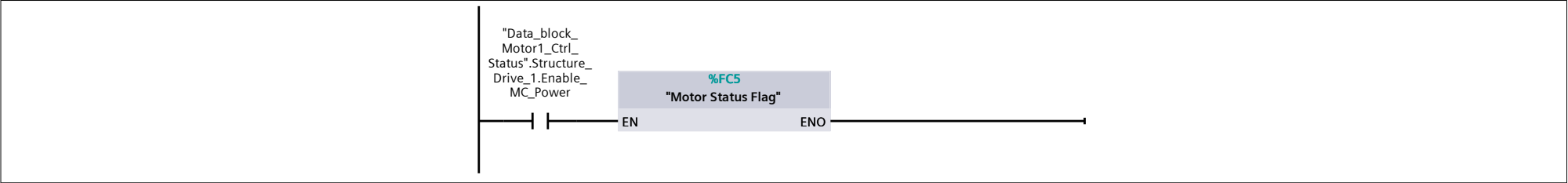


Network 15:



Network 16:

Motor Status flag



Network 17:

