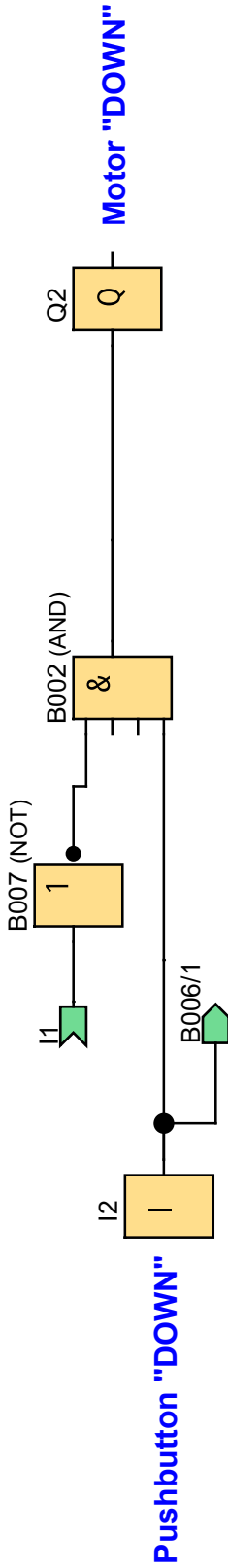
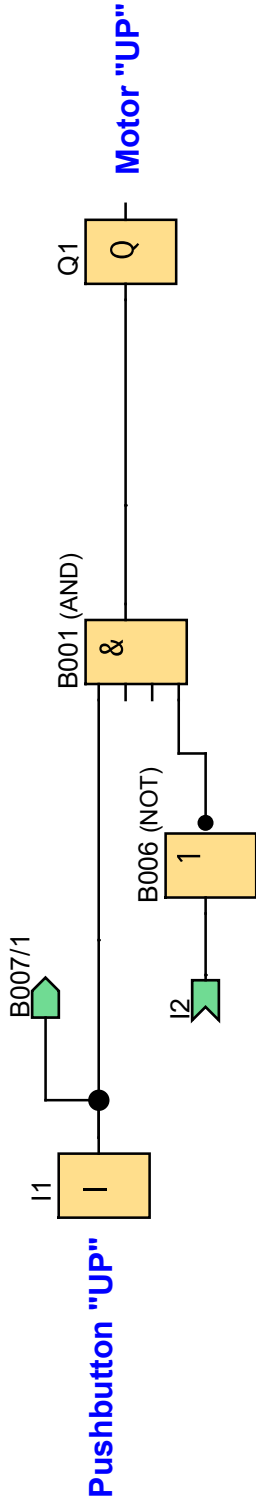


Interlocking circuit for two outputs

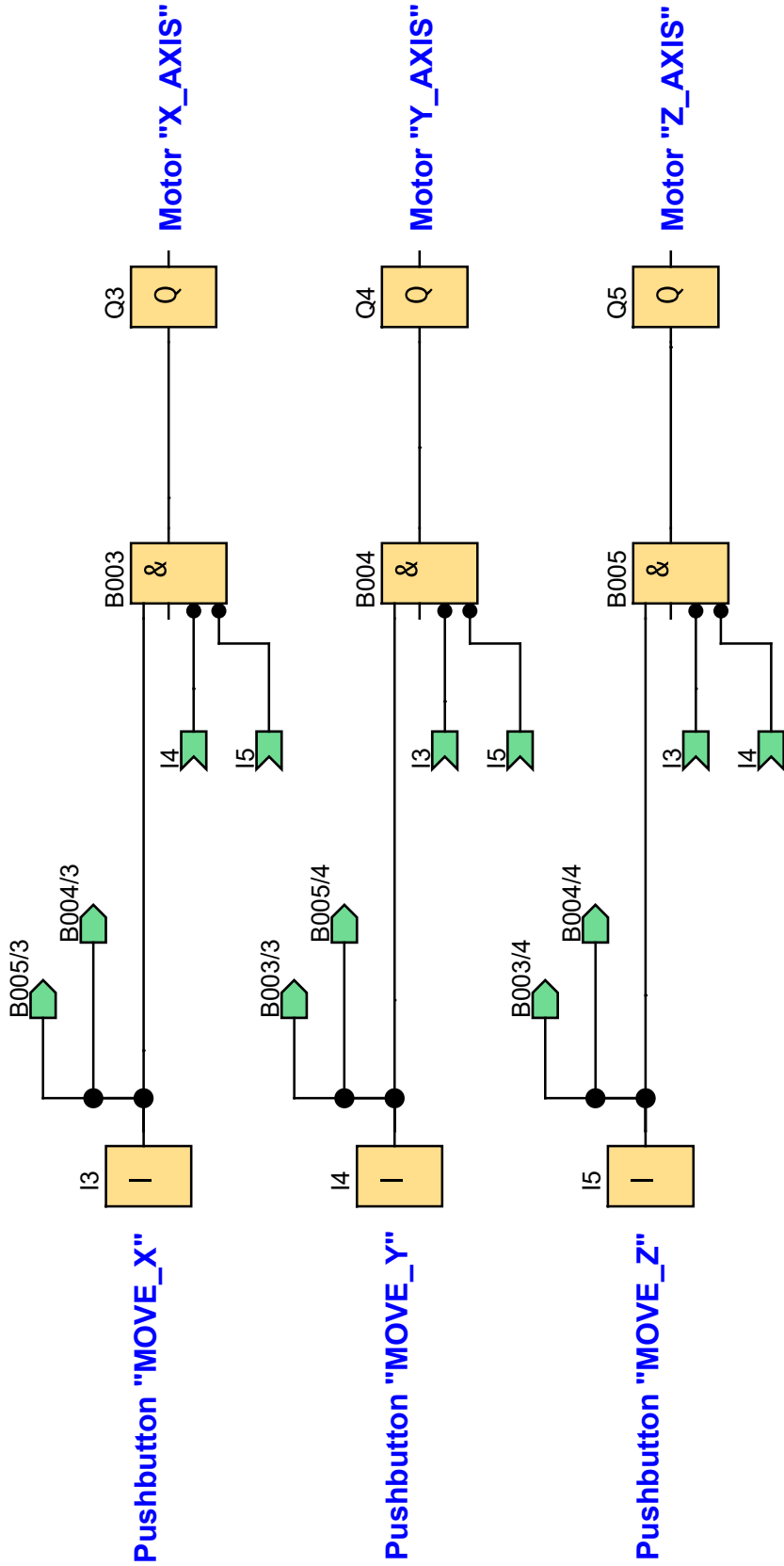
If a motor can be moved in two directions (e.g: roller blind UP/DOWN, gate OPEN/CLOSE) - having both commands reaching the motor at the same time accidentally must be avoided - only one output is allowed to be active at a time. NOT blocks are used to invert the AND block inputs.



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Interlocking circuit for three outputs

Note how the inputs of AND blocks B003, B004 & B005 are inverted (dotted input) - this serves the same purpose as the NOT blocks used above, and so they can be replaced with dotted AND inputs.



Creator:	adbejo0	Project:	C:\Program Files\Siemens\LOGOComfort_V3.0\adbejo0\Siemens.gif	Verriegelungsschaltung - Interlocking circuit	Customer:	SIEMENS AG
Checked:	Beyer	File:	interlocking_circuit_FBD.lsc	Diagram No.:	Diagram No.:	
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Connection		Label				
I1						
I2						
I3						
I4						
I5						
Q1						
Q2						
Q3						
Q4						
Q5						
Creator:	adbejo0	C:\Program Files\Siemens\LOGOCON\bin\5\Siemens	Project:	Verriegelungsschaltung - Interlocking	Customer:	SIEMENS AG
Checked:	Beyer		File:	interlocking_circuit_FBD.lsc	Diagram No.:	
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