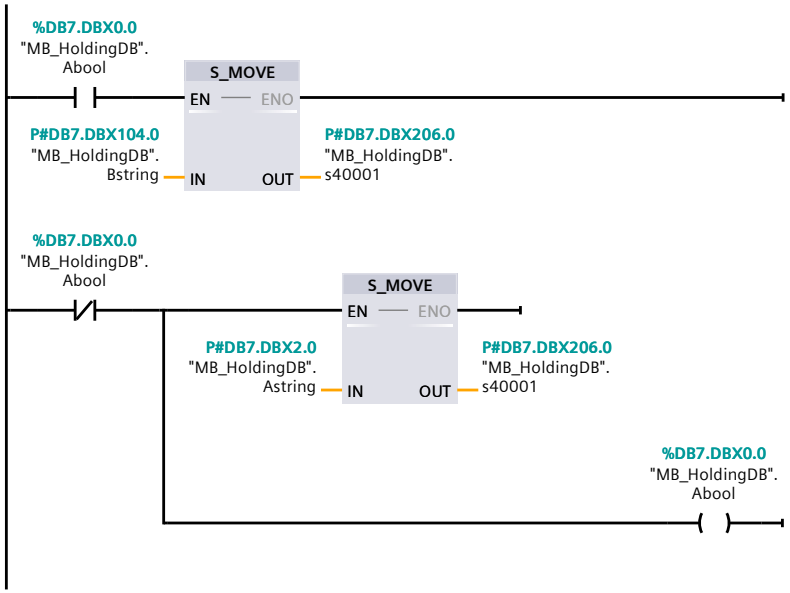
Cyclic_holding_register_swap [OB37]

Cyclic_holding_register_swap Properties							
General							
Name	Cyclic_holding_register_swap	**Number**	37	**Type**	OB	**Language**	LAD
Numbering	Manual						
Information							
Title		**Author**		**Comment**	High-priority (24) Cyclic Interrupt (1ms) block to overwrite string MB_HoldingDB.s40001 with alternating values, to test if this can affect the consistency of read that string from the Modbus server instruction (MB_SERVER) in Program Cycle Block Main_MB_Server	**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Supervision	Comment
▼ Input				
Initial_Call	Bool			Initial call of this OB
Event_Count	Int			Events discarded
Temp				
Constant				

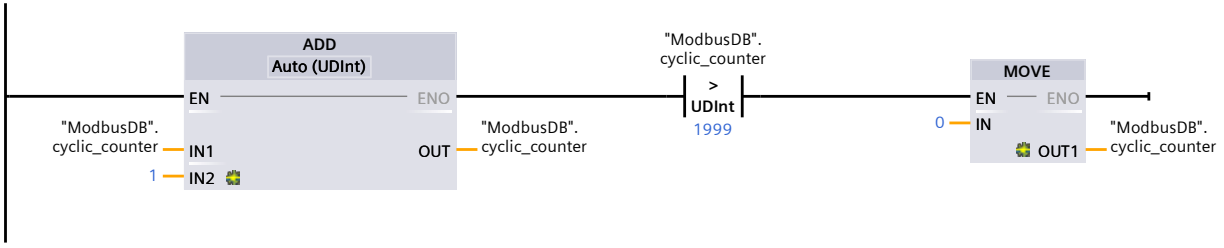
Network 1: Bit to control alternating string writes in block Cyclic_holding_register_swap (OB37)



Symbol	Address	Type	Comment
"MB_HoldingDB".Abool	%DB7.DBX0.0	Bool	Bit to control alternating string writes in block Cyclic_holding_register_swap (OB37)
"MB_HoldingDB".Astring	P#DB7.DBX2.0	String	'A' alternating string to write to .s40001
"MB_HoldingDB".Bstring	P#DB7.DBX104.0	String	'B' alternating string to write to .s40001
"MB_HoldingDB".s40001	P#DB7.DBX206.0	String	Modbus server's Holding registers; includes initial register with length before first character

Network 2:

Count passes through this block



Symbol	Address	Type	Comment
"ModbusDB".cyclic_counter		UDInt	