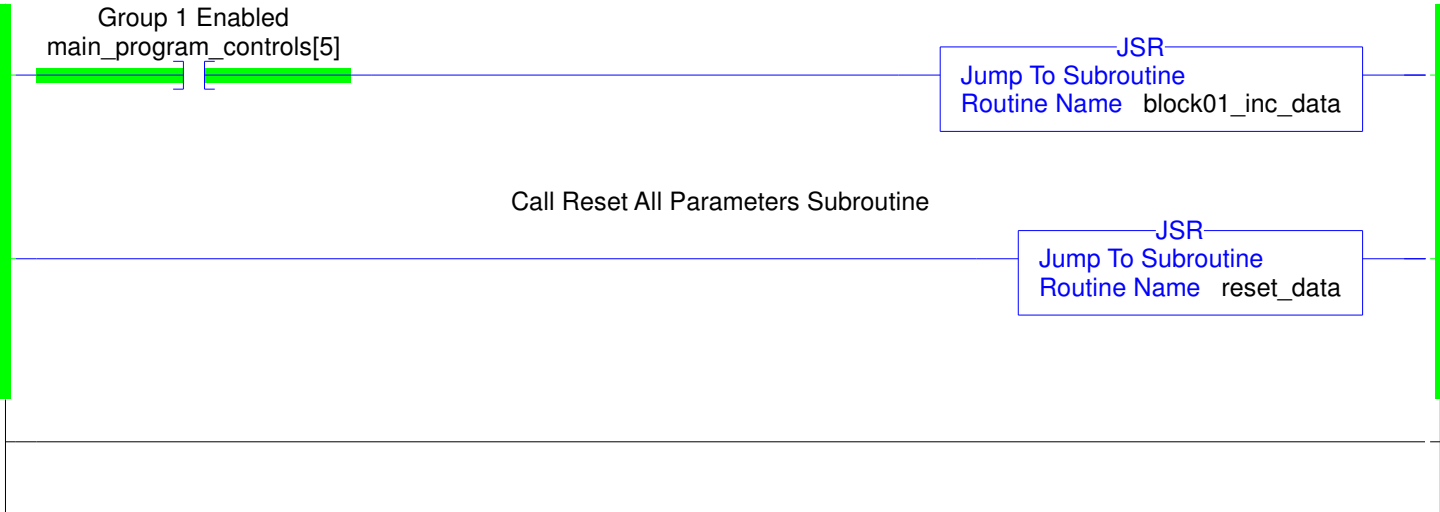


MainRoutine - Ladder Diagram

dw210\_loopback:MainTask:MainProgram  
Total number of rungs in routine: 14



Copy the message block flags to another location per A-B recommendations. Message block flags are updated asynchronously to the scan of the processor.

COP

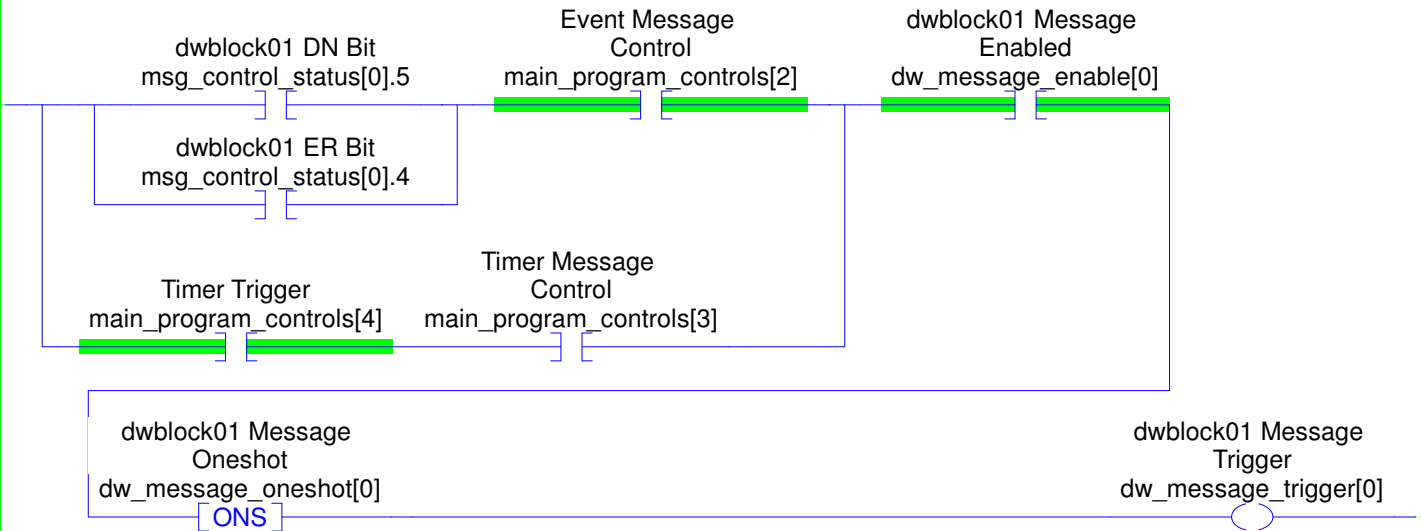
Copy File

Source dwblock01\_msg\_ctrl.Flags

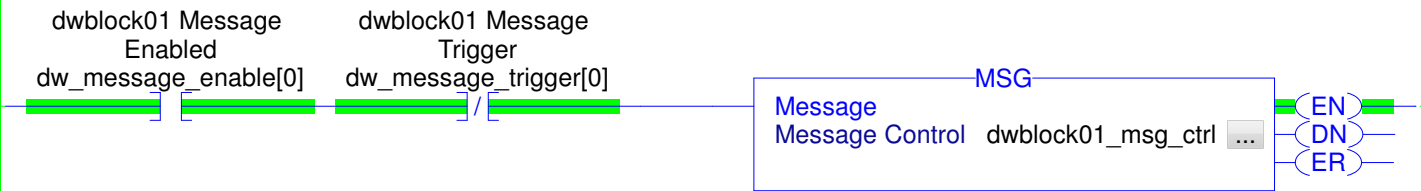
Dest msg\_control\_status[0]

Length 1

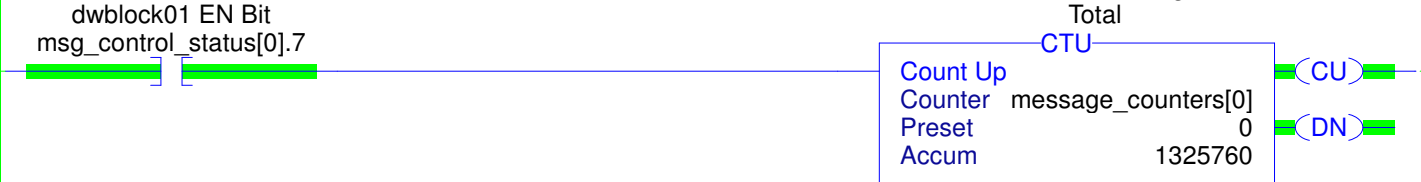
If enabled, this rung resets the dw210 read message block when a reply has been received. The message is complete when either the message block is done (DN) or an error occurs (ER).

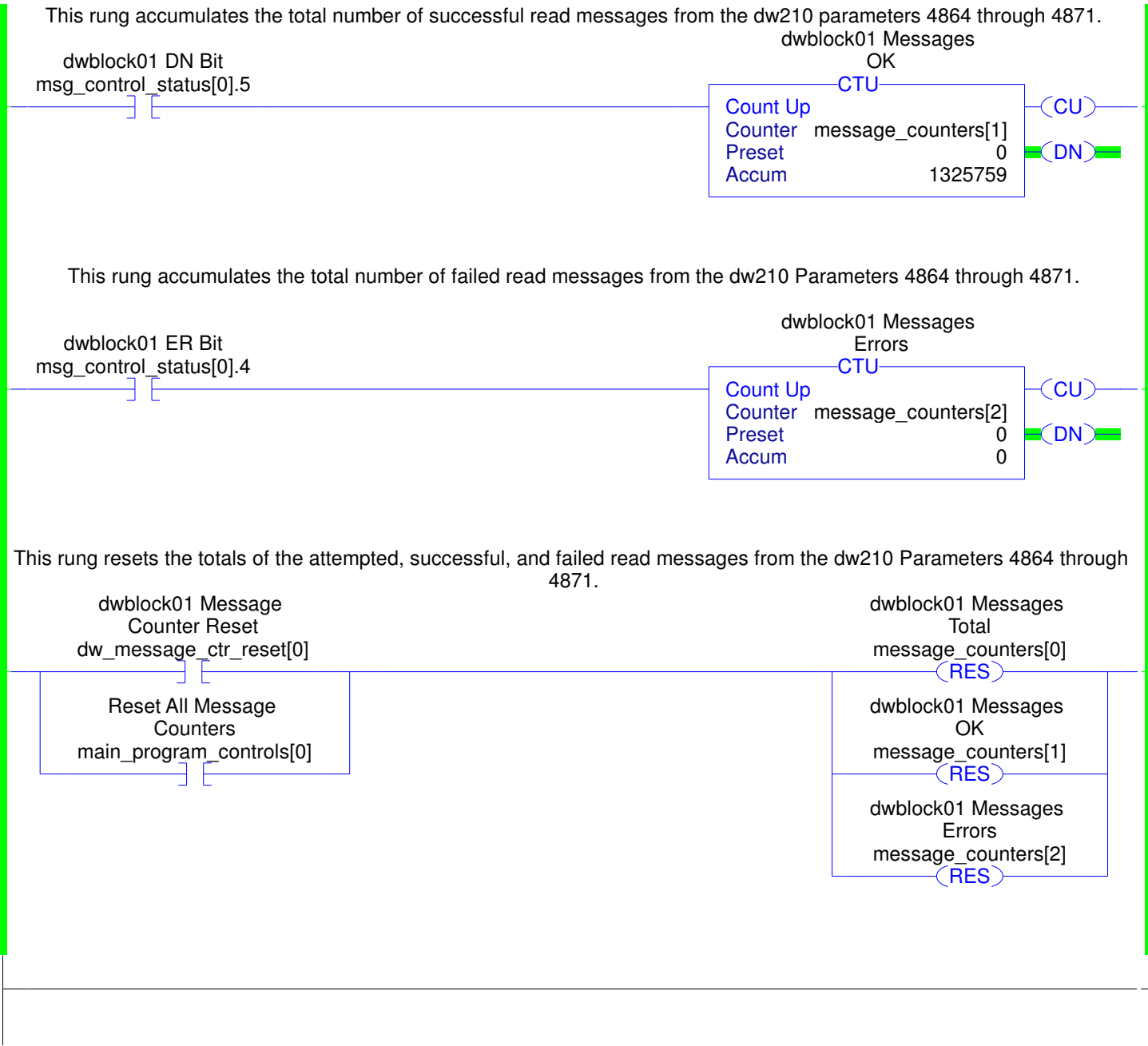


This rung generates the read message to the dw210 with the following setup:  
Message Type: PLC5 Typed Read;  
Source Element: N29:0;  
Number of Elements: 8 (PIN's 4864 - 4871);  
Destination Element: dwblock01\_data [0];  
Path: LocalENB,2,192.168.1.71.



This rung accumulates the total number of attempted read messages from the dw210 Parameters 4864 through 4871.



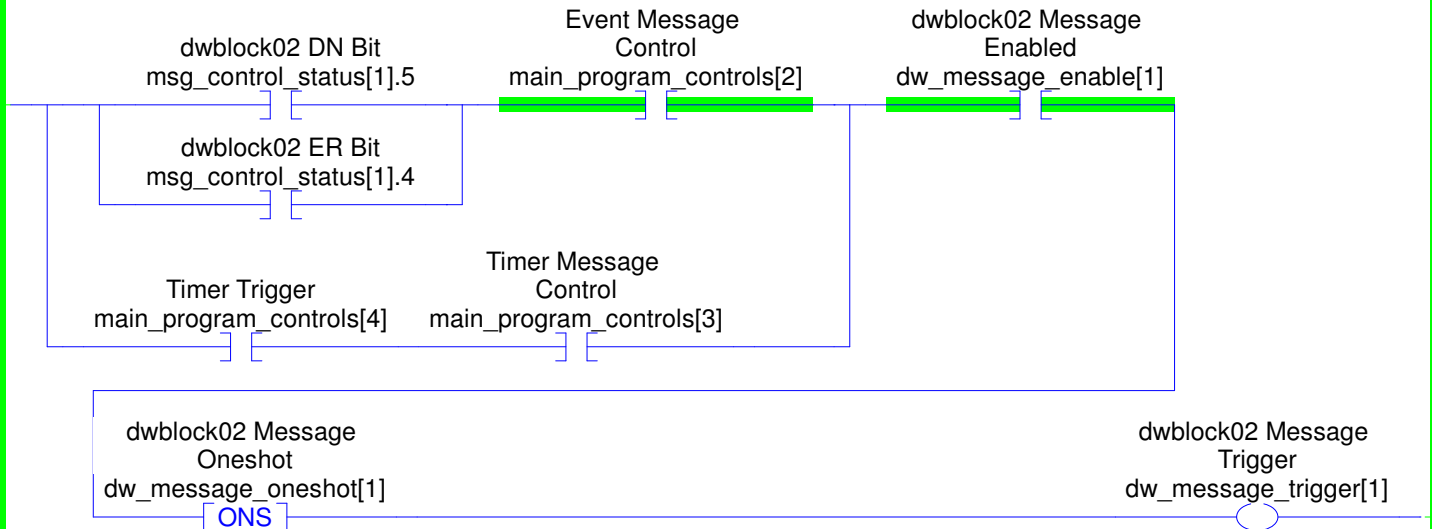


Copy the message block flags to another location per A-B recommendations. Message block flags are updated asynchronously to the scan of the processor.

**COP**

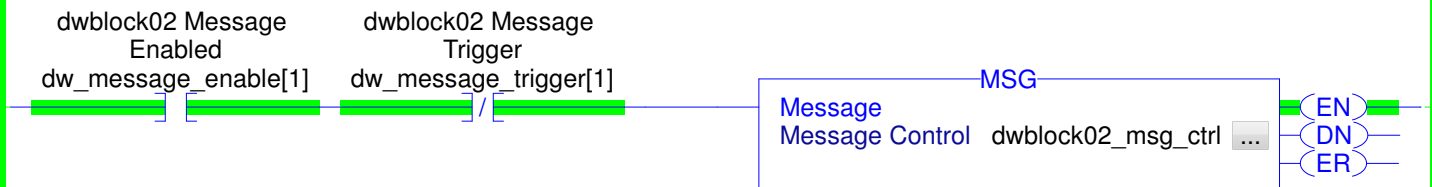
Copy File	
Source	dwblock02_msg_ctrl.Flags
Dest	msg_control_status[1]
Length	1

If enabled, this rung resets the dw210 read message block when a reply has been received. The message is complete when either the message block is done (DN) or an error occurs (ER).

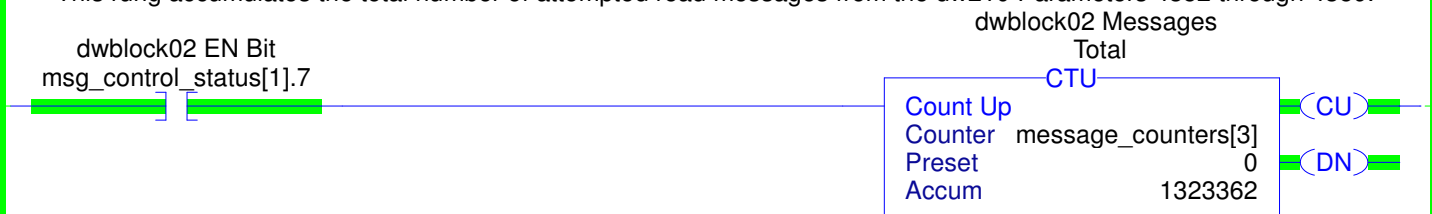


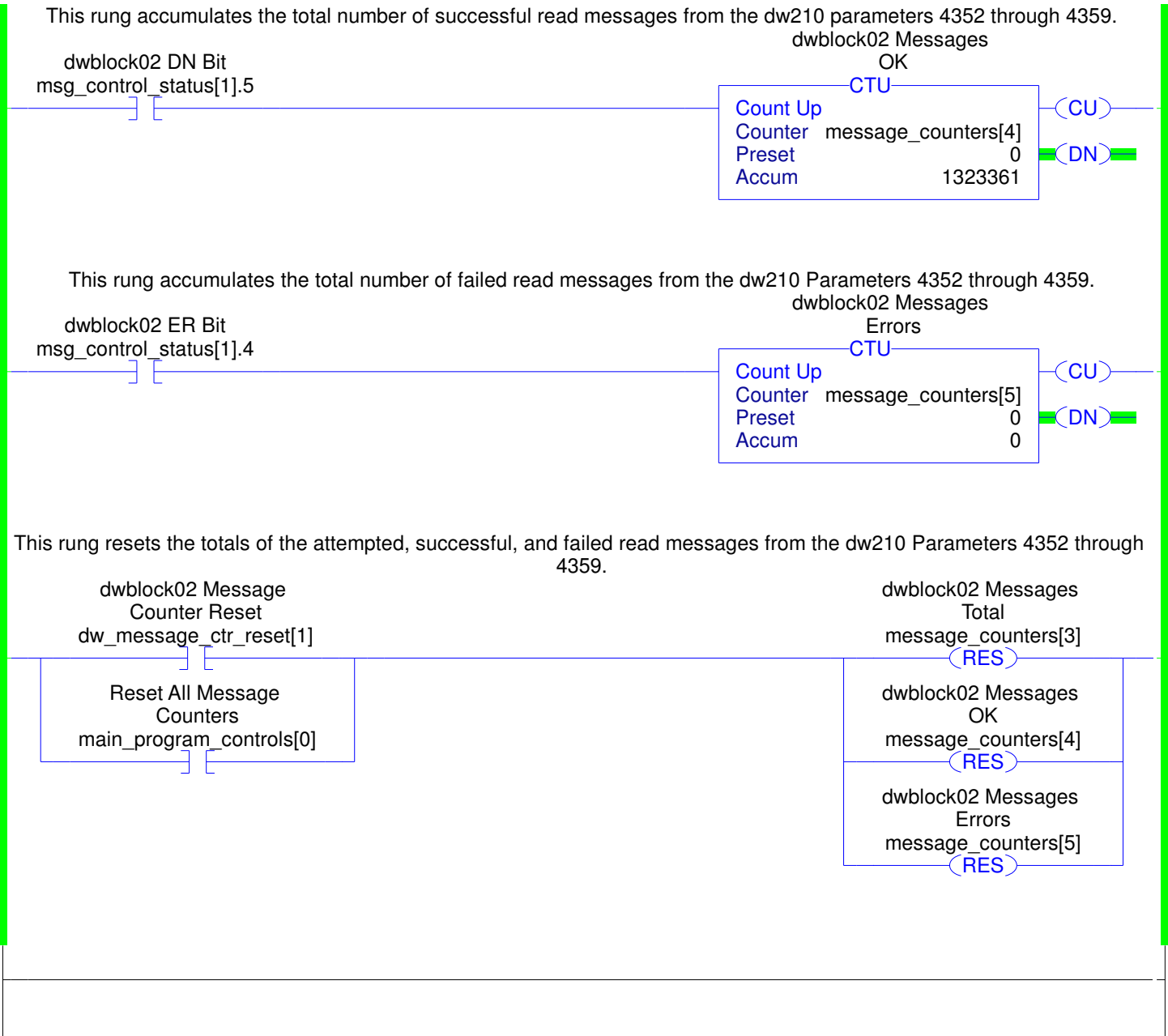
This rung generates the write message to the dw210 with the following setup:

Message Type: PLC5 Typed Write;  
Source Element: N27:0;  
Number of Elements: 8 (PIN's 4352 - 4359);  
Destination Element: dwblock04\_data [0];  
Path: LocalENB,2,192.168.1.71.

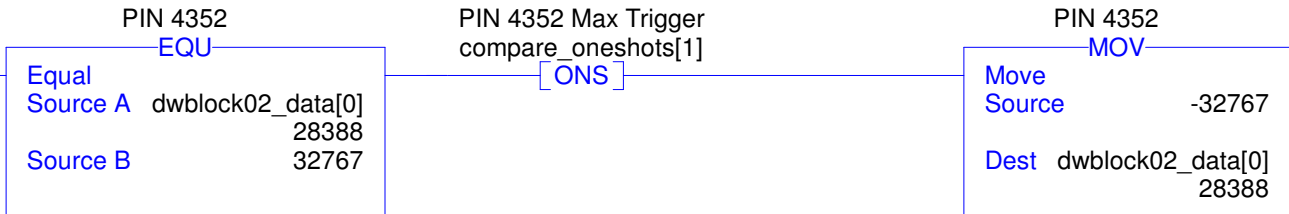
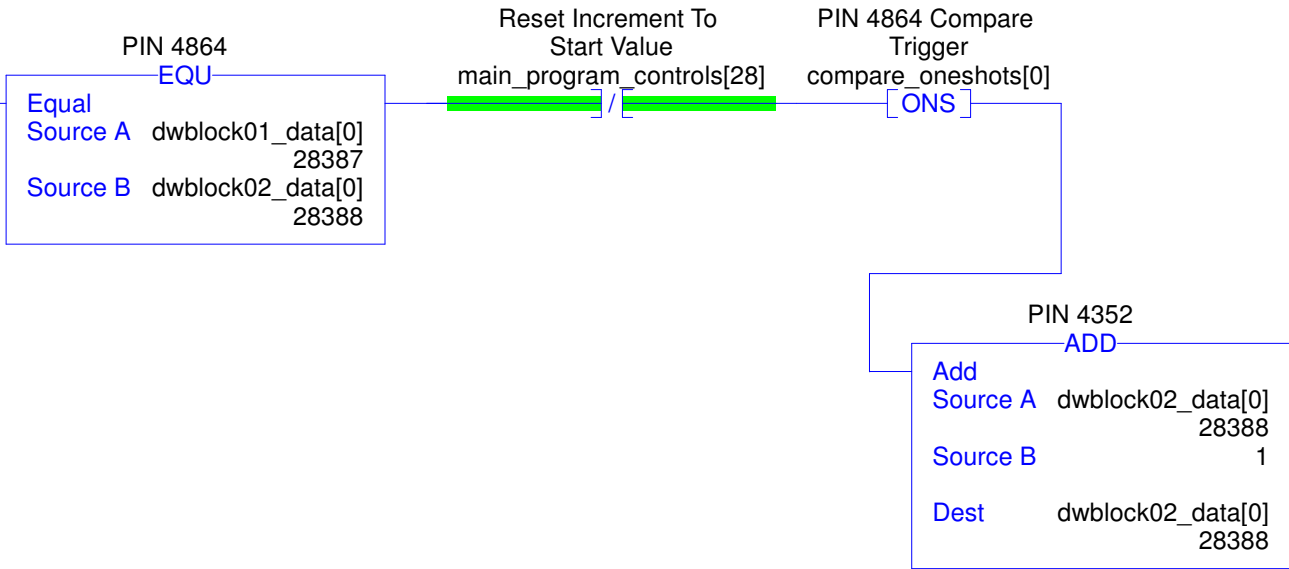


This rung accumulates the total number of attempted read messages from the dw210 Parameters 4352 through 4359.

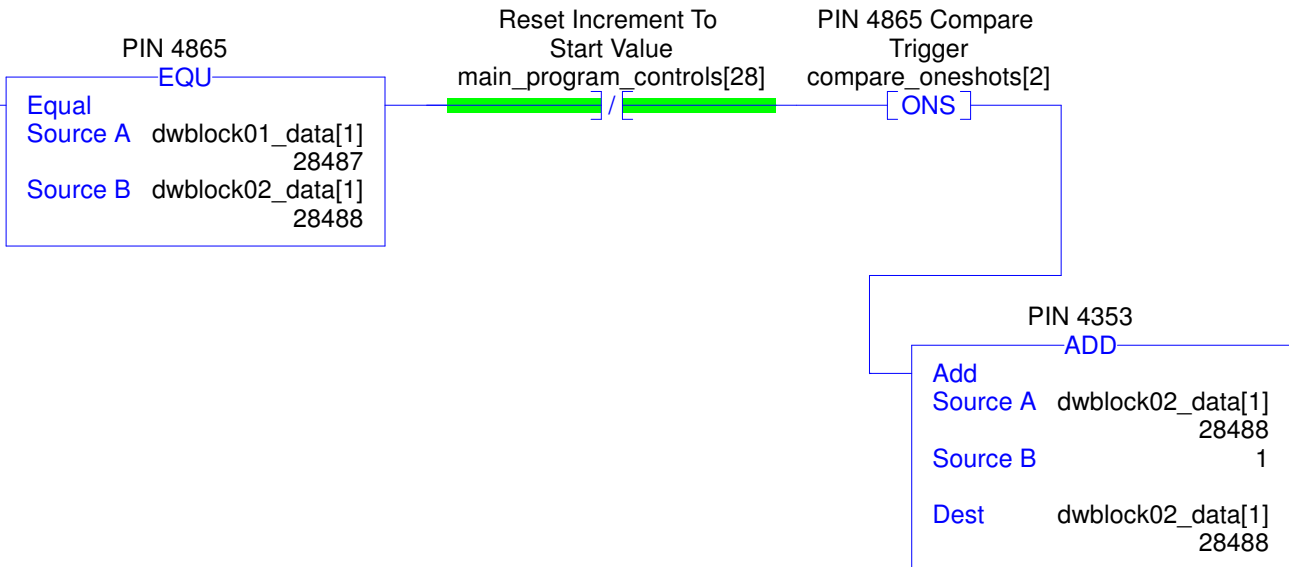




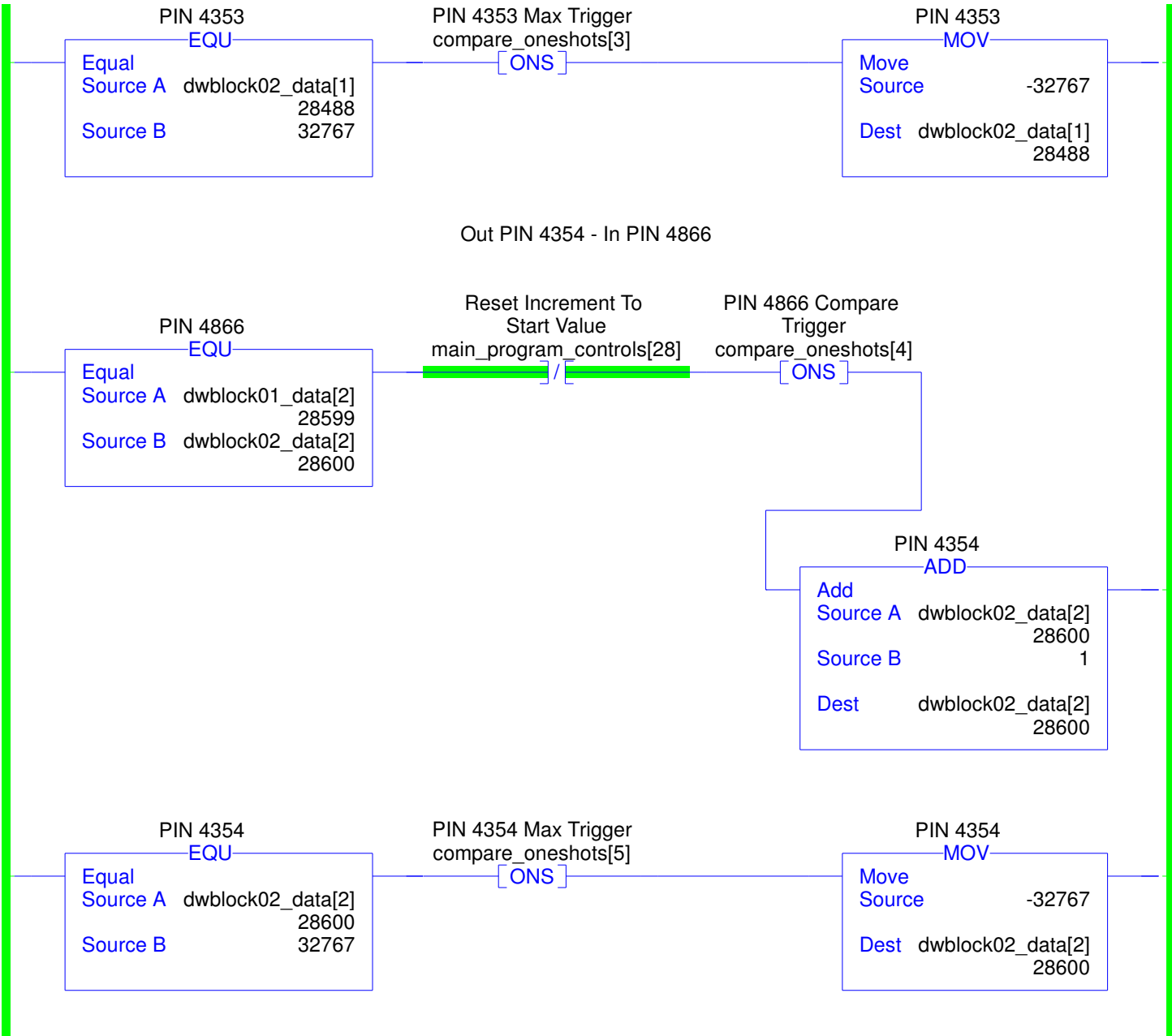
Out PIN 4352 - In PIN 4864



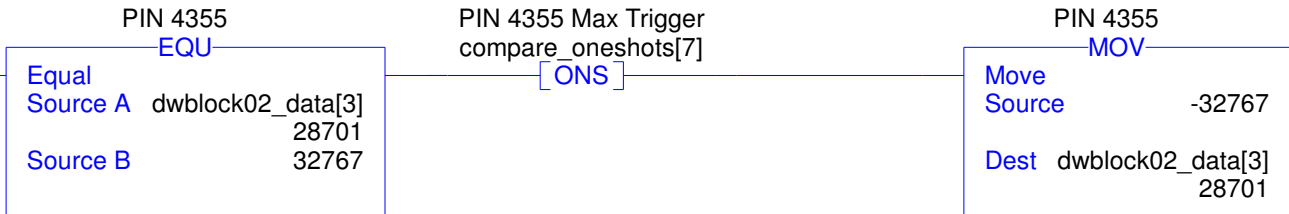
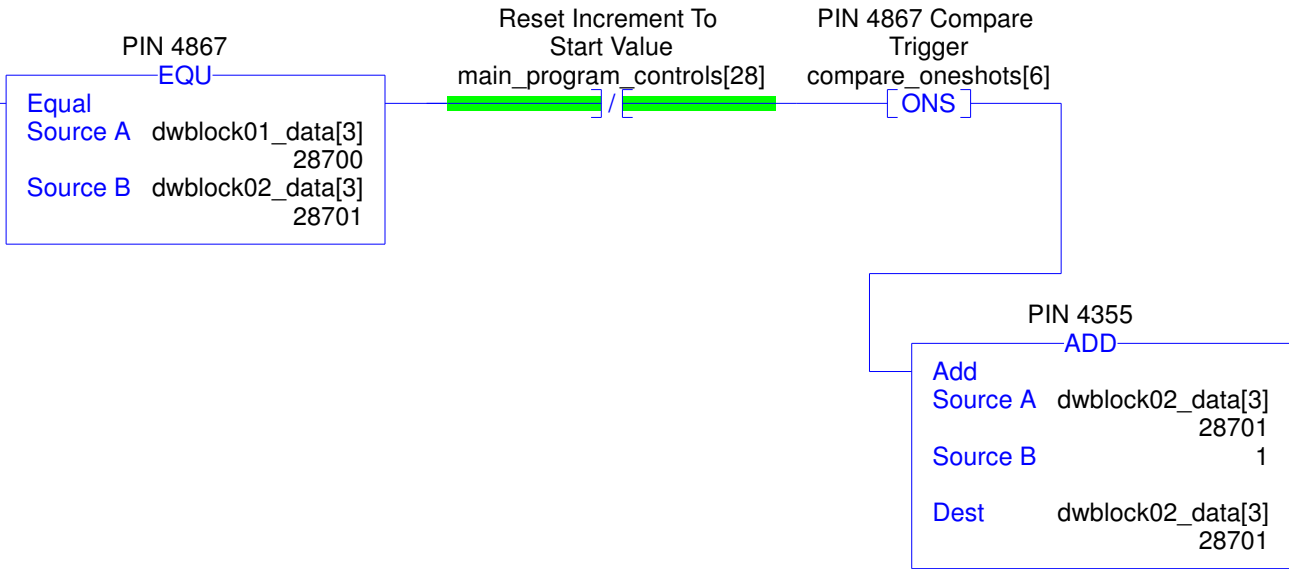
Out PIN 4353 - In PIN 4865



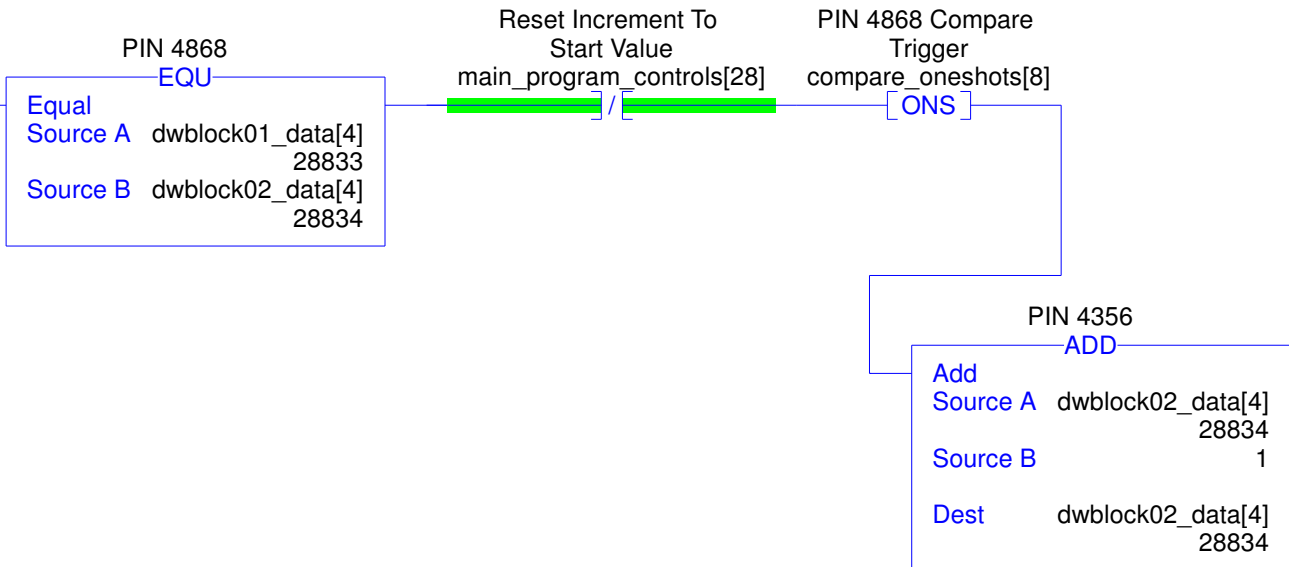


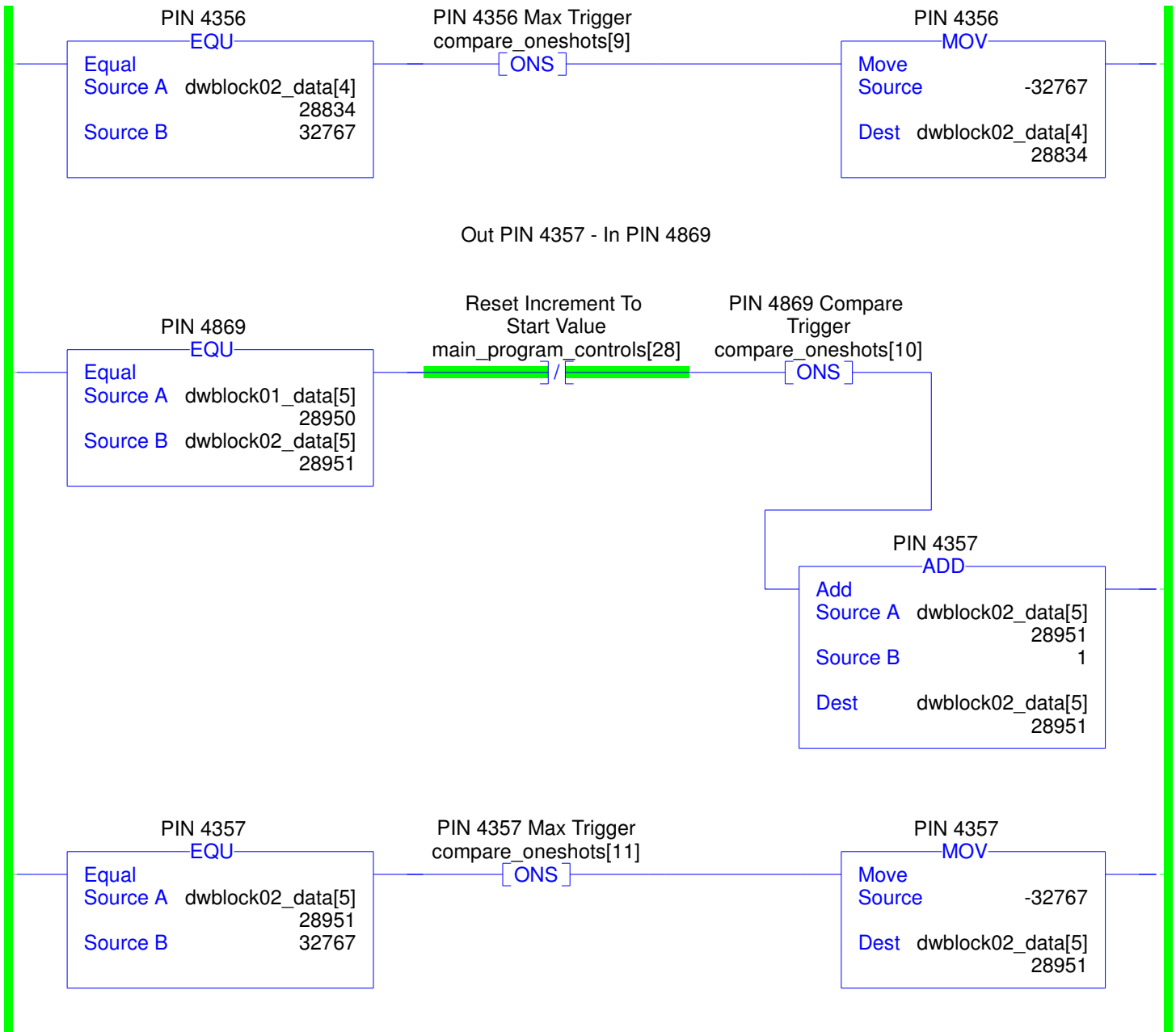


Out PIN 4355 - In PIN 4867

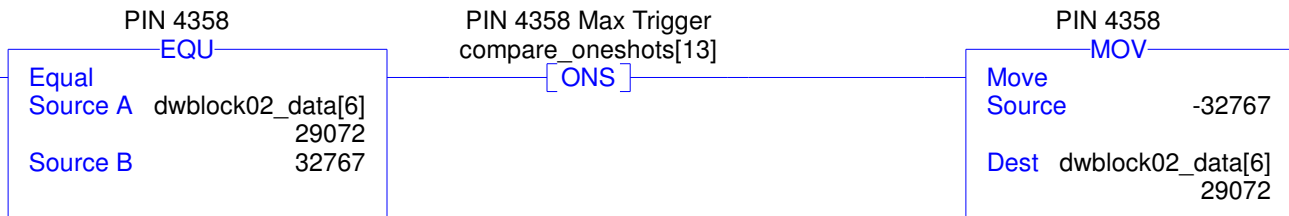
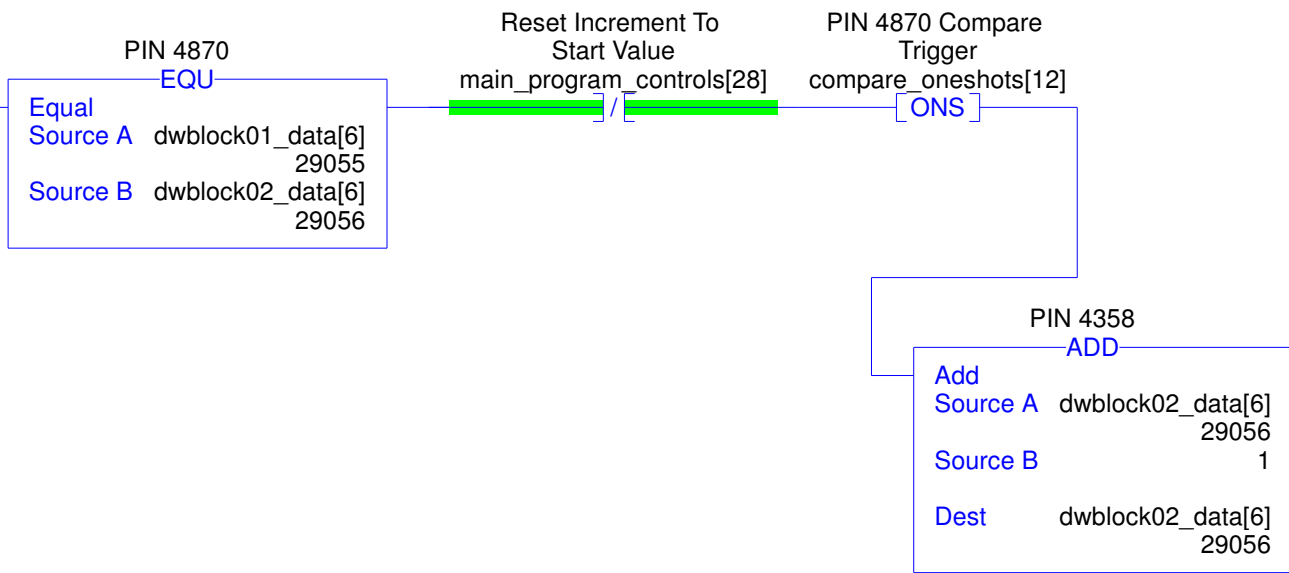


Out PIN 4356 - In PIN 4868

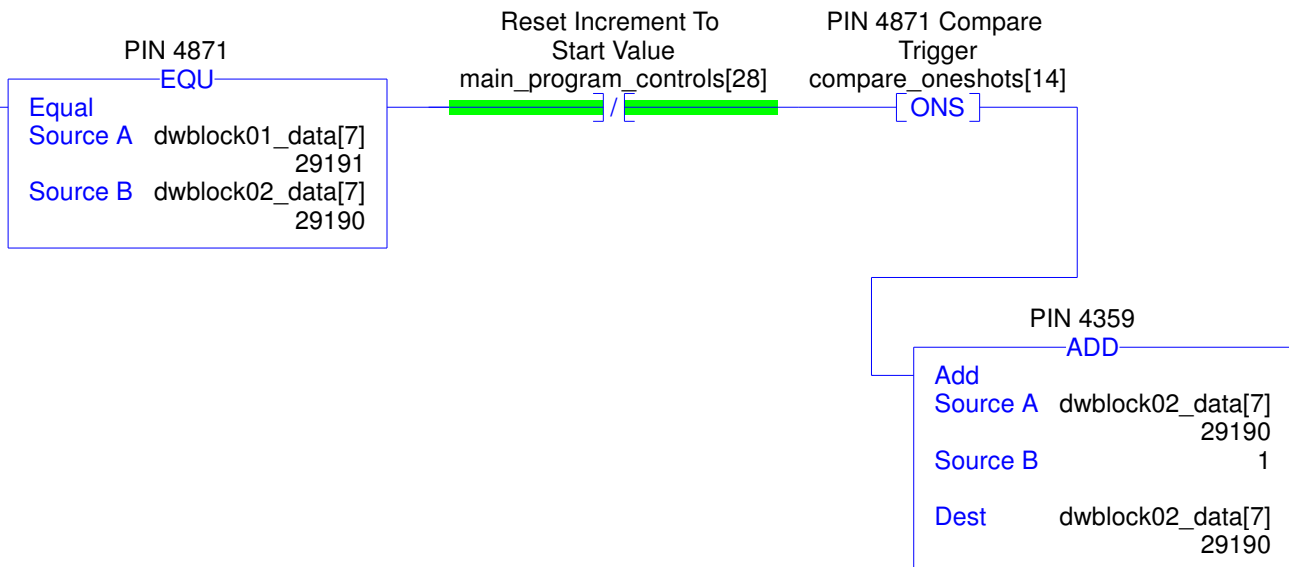


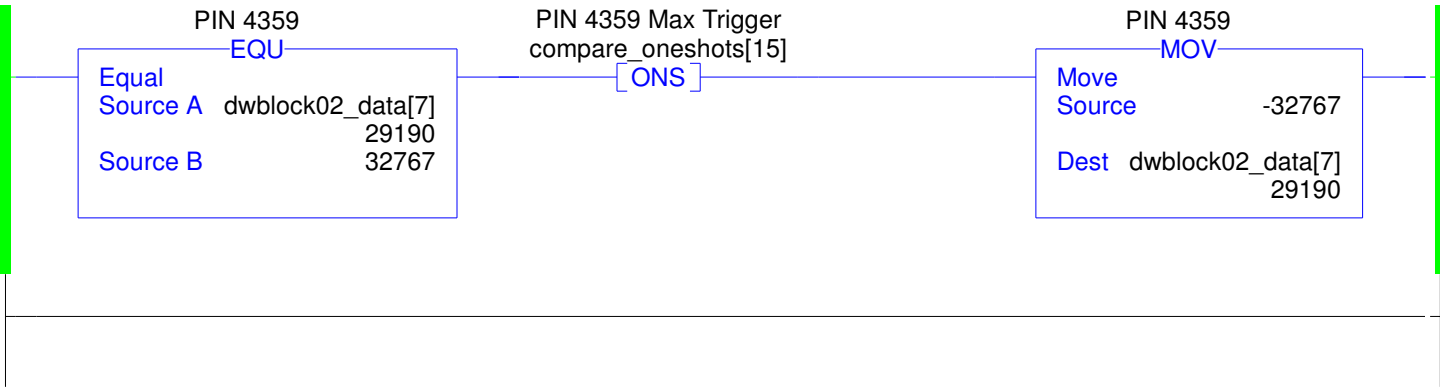


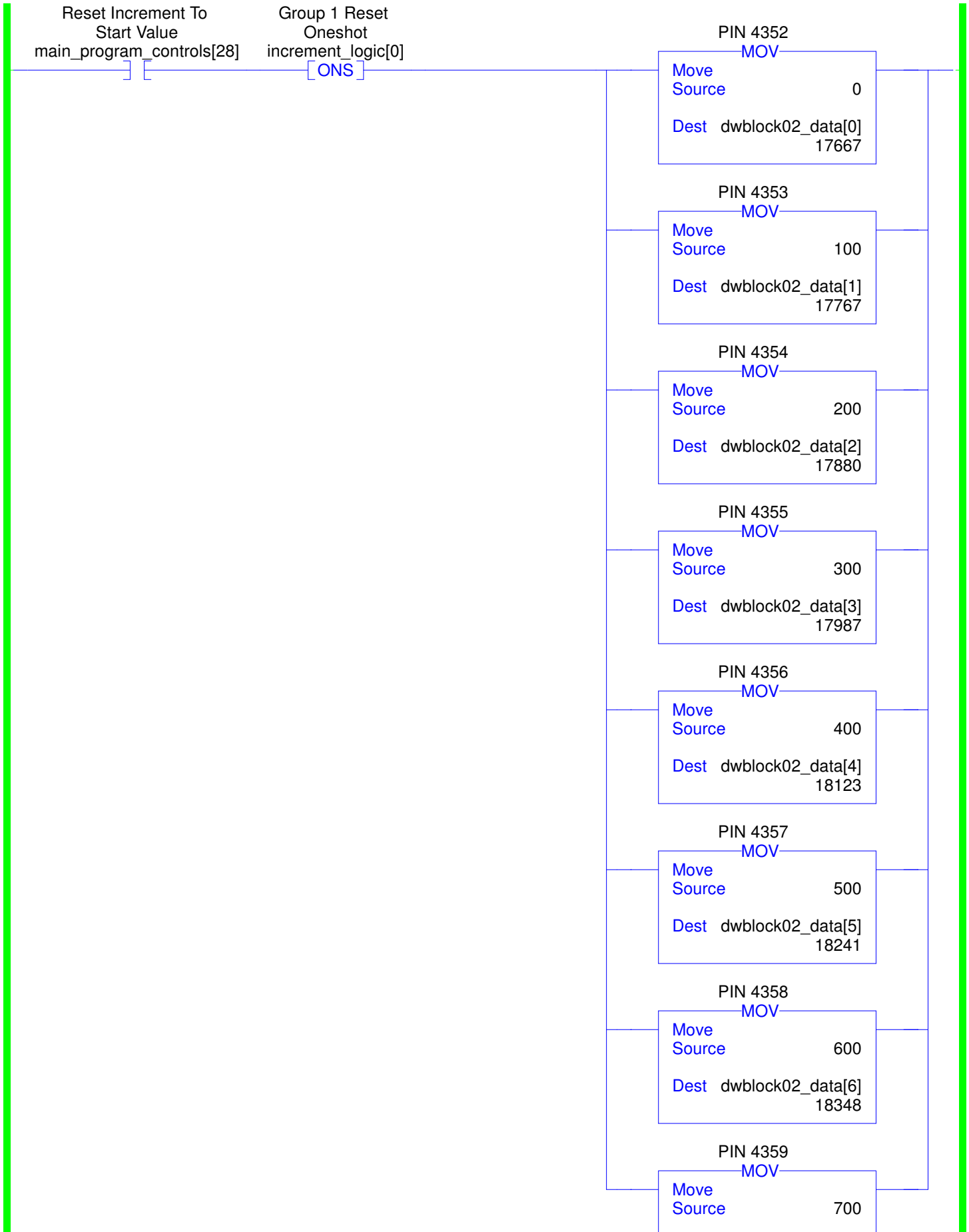
Out PIN 4358 - In PIN 4870



Out PIN 4359 - In PIN 4871







Dest dwblock02\_data[7]  
18467