

NOTE TO USERS

NI SCXI™-1160/1161 Jumpers

The NI SCXI-1160/1161 has two jumpers that are dedicated for communication between the NI SCXI-1160/1161 and the controller. On the NI SCXI-1160, these jumpers are W1 and W5. On the NI SCXI-1161, these jumpers are W1 and W2.

In addition, the NI SCXI-1160/1161 has three jumpers that indicate to the module what type of controller is connected to its rear connector. On the NI SCXI-1160, these jumpers are W2, W3, and W4. On the NI SCXI-1161, these jumpers are W3, W4, and W5. You may need to change the jumpers of this cabled module. For modules not cabled to a controller, the jumper settings are irrelevant.

NI SCXI-1160

To control the NI SCXI-1160 with an E Series device, NI 4021, or NI digital multimeter (DMM), set jumpers W2, W3, and W4 for multifunction I/O (MIO) communication. Refer to Table 1 and Figure 1.

Table 1. NI SCXI-1160 Jumpers

Jumper	Setting
W1	1-2, 2-3
W2	DIO (controller is digital I/O (DIO) device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
W3	DIO (controller is DIO device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
W4	DIO (controller is DIO device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
W5	1-2, 2-3

Note: Factory settings of the NI SCXI-1160 jumpers are bold.

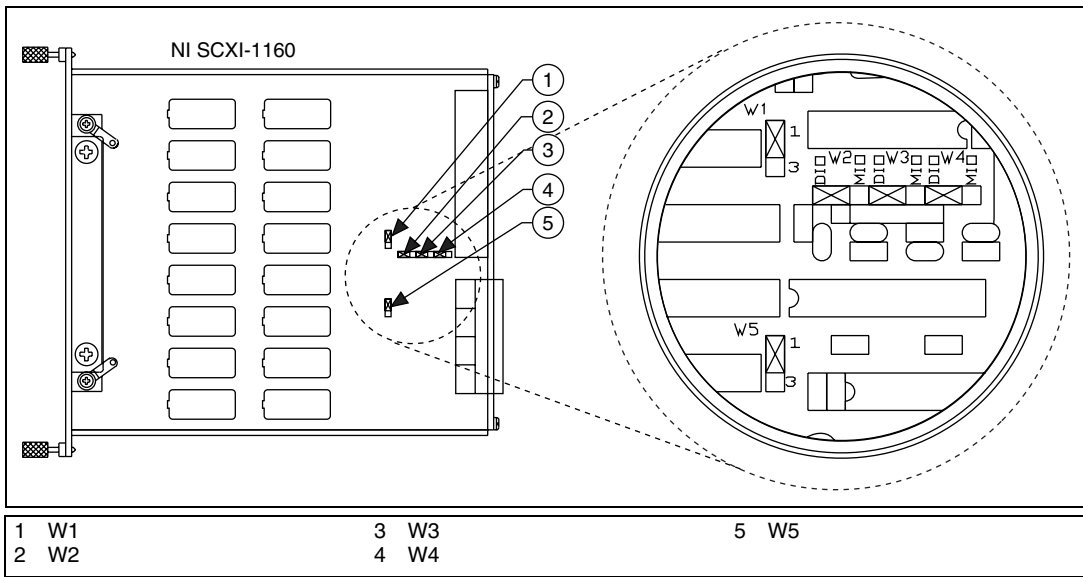


Figure 1. NI SCXI-1160 Jumper Locations (Default)

NI SCXI-1161

To control the NI SCXI-1161 with an E Series device, NI 4021, or National Instruments DMM, set jumpers W3, W4, and W5 for MIO communication. Refer to Table 2 and Figure 2.

Table 2. NI SCXI-1161 Jumpers

Jumper	Setting
W1	1-2, 2-3
W2	1-2, 2-3
W3	DIO (controller is DIO device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
W4	DIO (controller is DIO device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
W5	DIO (controller is DIO device) MIO (controller is E Series device, NI 4021, or National Instruments DMM)
Note: Factory settings of the NI SCXI-1161 jumpers are bold.	

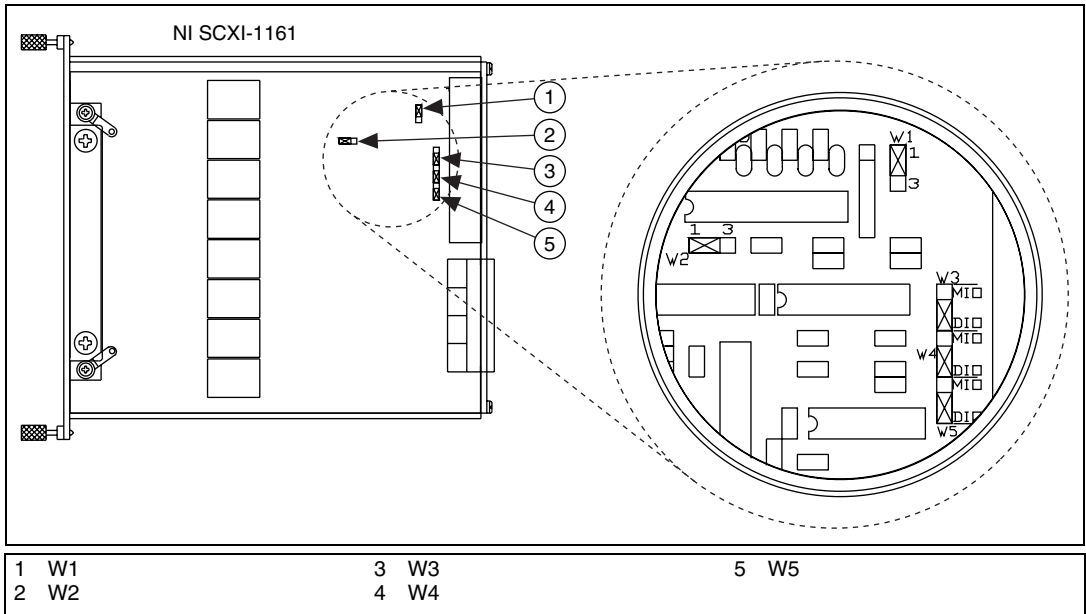


Figure 2. NI SCXI-1161 Jumper Locations (Default)

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