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Find the *National Instruments SCXI-1331* at our website: ***Click HERE***

Accessories



Figure 6. SCXI-1331 Terminal Block



Figure 7. Matrix Expansion Cable



Figure 8. Matrix Expansion Plugs

Modules	Terminal Block	Description		Part Number
SCXI-1127,	SCXI-1331 (Figure 6)	Multiplexer		777687-31
SCXI-1128	SCXI-1332	Matrix		777687-32
	Matrix expansion	Use with the SCXI-1332 to connect the rows	0.40 m	185440-0R4
	cables (Figure 7)	and columns of adjacent terminal blocks.	0.75 m	185440-0R75
SCXI-1129	SCXI-1333	Quad 4x16 matrix		777687-33
	SCXI-1334	4x64 matrix		777687-34
	SCXI-1335	8x32 matrix		777687-35
	SCXI-1336	16x16		777687-36
	SCXI-1337	Dual 8x16 matrix		777687-37
	SCXI-1339	Dual 4x32 matrix		777687-39
	SCXI-1384K	Backshell connector kit for custom cable		776572-84K
	Matrix expansion	Use with the SCXI-1334 and SCXI-1335 to	0.40 m	185440-0R4
	cables (Figure 7)	connect the rows of adjacent terminal blocks.	0.75 m	185440-0R75
	Matrix expansion	Use with the SCXI-1333,SCXI-1334, SCXI-1335, and		778364-01
	plug (Figure 8)	SCXI-1336 to connect the columns of adjacent terminal blocks.		
SCXI-1160	SCXI-1324	48 screw terminal		777687-24
SCXI-1161	TBX-24F	24 screw terminals		777276-01
SCXI-1163R	SCXI-1326	48 screw terminal		777687-26
	TBX-1326	48 screw terminal Din-rail Mountable*		777207-26
SCXI-1166	SCXI-1366	Screw terminal for 32 relays		777687-66
		Backshell connector kit for custom cable (requires two)		778720-01
PXI-2501,	TB-2605	Multiplexer		777878-01
PXI-2503	TB-2606	Matrix		777879-01
	TBX-68S	DIN-rail mountable, 68-pin screw terminal		777716-01
		block with cold-junction sensor.		
	SH68-68S	Use cable to connect TBX-68S to PXI-2501 and PXI-2503	1.00 m	185262-01
			2.00 m	185262-02
			5.00 m	185262-05
PXI-2566	TB-2666	Screw terminal for 16 relays		778717-66
		Backshell connector kit for custom cable		778720-01

Table 1. Terminal Block Selection Guide.

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Accessories

Cables	Impedance Ω	Length (m)	Part Number
SMB Plug to BNC Plug, RG174	50	1	763405-01
SMB Plug to SMB Plug, RG174	50	0.3	763390-01
SMB Plug to alligator clip, RG174	50	1	763388-01
SMA Plug to SMA Plug, conformable	50	0.15	763443-01
SMA Plug to SMA Plug, conformable	50	0.45	763444-01
MCX Plug to MCX Plug, RG 316	50	0.3	188374-0R3
MCX Plug to MCX Plug, RG 316	50	1	188374-01
MCX Plug to BNC Plug, RG 316	50	0.3	188375-0R3
MCX Plug to BNC Plug, RG 316	50	1	188375-01
MCX Plug to SMB Plug, RG 316	50	0.3	188376-0R3
MCX Plug to SMB Plug, RG 316	50	1	188376-01
MCX Plug to SMA Plug, RG 316	50	0.3	188377-0R3
MCX Plug to SMA Plug, RG 316	50	1	188377-01

Table 2. RF Cable Selection Guide

Terminators and Accessories	Impedance Ω	Part Number
MCX Termination Plug	50	778831-01
SMB Termination Plug	50	778354-01
SMA Termination Plug	50	778353-01
SMA Torque Wrench	N/A	187106-01

Table 3. RF Accessory Delection Guide

Cable	Description	Length (m)	Part Number
HV8 to BAN4 cable (Figure 9)	Use this cable to connect the HVAB to an NI DMM. This cable is included in several kits such as the SCXI-1357 and SCXI-1358.	0.18 0.5 1 2	185444-0R18 185444-0R5 185444-01 185444-02
SH9MD-AUX cable (Figure 10)	Use this cable to send digital control signals from an NI 4021 switch controller or any NI DMM to SCXI switching systems. You can also use this cable to cascade digital control signals between multiple SCXI chassis. This cable is included in the following kits: SCXI-1357, SCXI-1358, SCXI-1359, and SCXI-1362.	1 2	185258-01 185258-02
HV8 to HV8 Cable (Figure 11)	Use this cable to cascade high-voltage analog buses between two SCXI chassis. This cable is included in the SCXI-1357 and SCXI-1358 multichassis expansion kits.	1	185437-01
BAN4 to LV6 cable	Use this cable to connect theTB-2605 terminal block to a NI multimeter. The 18 cm version is intended for use with the multimeter and switch in adjacent slots.	0.18 1 2	185434-0R18 185434-01 185434-02

Table 4. Cable Selection Guide



Figure 9. HV8 to BAN4 Cable



Figure 10. SH9MD-AUX Cable



Figure 11. HV8 to HV8 Cable

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