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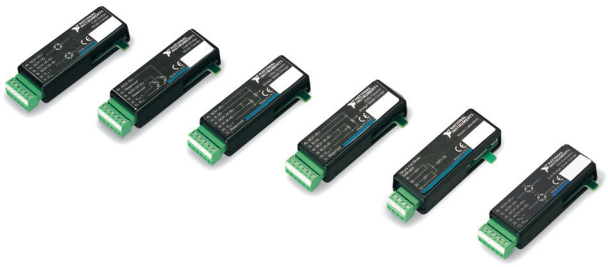
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SCC Modules



			Signal Types														
	Module	Number of Channels	Millivolts/Volts	Current (0 to 20 mA)	Frequency-to-Voltage	Thermocouples	RTD	Strain Gages	Force, Load, Torque, Pressure	Accelerometer	TTL/CMOS	Description	Gain	Signal Range	Filtering	Isolation	Excitation Sources	Excitation Values
Analog Input	SCC-AI0x	2 ISO	✓	–	–	–	–	–	–	–	–	Isolation amplifier	0.2 to 200	±50 mV to ±42 V	10 kHz	✓	–	–
	SCC-AI1x	2 ISO	✓	–	–	–	–	–	–	–	–	Isolation amplifier	1.2	±10 V, ±5 V	4 Hz	✓	–	–
	SCC-A10	2 DI	✓	–	–	–	–	–	–	–	–	Attenuator	0.1	±60 V	–	✓	–	–
	SCC-LP01	2 DI	✓	–	–	–	–	–	–	–	–	Lowpass filter	0.5	±10 V	25 Hz	–	–	–
	SCC-LP02	2 DI	✓	–	–	–	–	–	–	–	–	Lowpass filter	0.5	±10 V	50 Hz	–	–	–
	SCC-LP03	2 DI	✓	–	–	–	–	–	–	–	–	Lowpass filter	0.5	±10 V	150 Hz	–	–	–
	SCC-LP04	2 DI	✓	–	–	–	–	–	–	–	–	Lowpass filter	0.5	±10 V	1 kHz	–	–	–
	SCC-FV01	2 RSE	✓	–	✓	–	–	–	–	–	–	Frequency-to-voltage	1	0 to 100 Hz	–	–	–	–
	SCC-TC01	1 DI	✓	–	–	✓	–	–	–	–	–	Thermocouple input	100	±100 mV	2 Hz	–	–	–
	SCC-TC02	1 DI	✓	–	–	✓	–	–	–	–	–	Thermocouple input	100	±100 mV	2 Hz	–	–	–
	SCC-RTD01	2 DI	✓	–	–	–	✓	–	–	–	–	RTD input	25	±400 mV	30 Hz	–	1 current	1 mA
	SCC-SG01	2 DI	✓	–	–	–	–	✓	✓	–	–	Strain (1/4-bridge, 120 Ω)	100	±100 mV	1.6 kHz	–	1 voltage	2.5 V
	SCC-SG02	2 DI	✓	–	–	–	–	✓	✓	–	–	Strain (1/4-bridge, 350 Ω)	100	±100 mV	1.6 kHz	–	1 voltage	2.5 V
	SCC-SG03	2 DI	✓	–	–	–	–	✓	✓	–	–	Strain (1/2-bridge)	100	±100 mV	1.6 kHz	–	1 voltage	2.5 V
	SCC-SG04	2 DI	✓	–	–	–	–	✓	✓	–	–	Strain (full-bridge)	100	±100 mV	1.6 kHz	–	1 voltage	2.5 V
	SCC-SG11	2 DI	–	–	–	–	–	✓	✓	–	–	Strain shunt calibration	–	–	–	–	–	–
	SCC-SG24	2 DI	✓	–	–	–	–	–	✓	–	–	Full bridge input (350 Ω)	100	±100 mV	1.6 kHz	–	1 voltage	10 V
	SCC-ACC01	1 DI	✓	–	–	–	–	–	–	✓	–	IEPE accelerometer input	2	±5 V	19 kHz	–	1 current	4 mA
	SCC-CI20	2 DI	–	✓	–	–	–	–	–	–	–	Current input	–	0 to 20 mA	–	–	–	–
Output	SCC-AO10	1 ISO	✓	–	–	–	–	–	–	–	–	Isolated voltage output	–	±10 V	–	✓	–	–
	SCC-CO20	1 ISO	–	✓	–	–	–	–	–	–	–	Isolated current output	–	0 to 20 mA	–	✓	–	–
DIO/CTR	SCC-DI01	1 ISO	–	–	–	–	–	–	–	–	✓	Isolated digital input	–	±24 VDC	–	✓	–	–
	SCC-DO01	1 ISO	–	–	–	–	–	–	–	–	✓	Isolated digital output	–	30 VDC	–	✓	–	–
	SCC-RLY01[1]	1	✓	✓	–	–	–	–	–	–	–	SPDT Relay	–	5 A at 30 VDC 250 VAC	–	–	–	–
	SCC-CTR01	1 ISO	–	–	–	–	–	–	–	–	✓	Isolated counter/timer	–	0 to 48 VDC	–	✓	–	–
	SCC-FT01	2 SE/1 DI	–	–	–	–	–	–	–	–	–	Feedthrough	–	–	–	–	–	–

[1]The switching capability of SCC-RLY01 is not 5 A at 250 VAC throughout – it is 5 A at 250 VAC only if it is used with SCC-68, and it is 5 A at 30 VAC if used with SC-2345.

Table 1. SCC Module Selection Guide

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