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TECHNOLOGY GROUP

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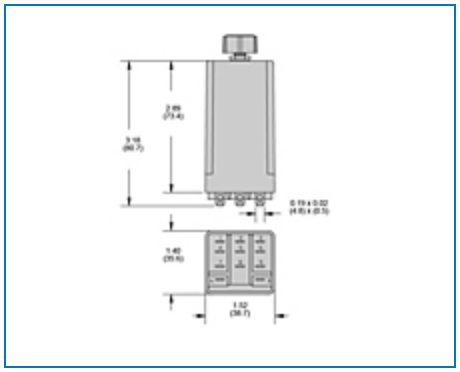
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Item # 235ACX-3-120VAC, 235 Series - Adjustable Current Sensors

The 235 series current sensor combines solid state circuitry with a SPDT, 10 relay. Knob adjustable user settings detect AC current levels generally ranging from 1.5 to 15 amps. Quick connect terminals are standard with socket or side mounting.





Specifications | Sensing | Contacts | Coil | Dielectric Strength | Temperature | Life Expectancy | Miscellaneous

Specifications

Series	235
Nominal Input Voltage	120 VAC

Terminal Size	4.7 mm
Socket Mountable	Yes

Sensing

Current Sense Range	1.5 to 15 A
Repeatability (Constant voltage and temperature)	2%
Reset Time maximum	150 ms

Contacts

Contact Configuration	SPDT
Contact Material	Silver Alloy
Contact Rating	10 A
Contact Rating 120VAC Resistive	10 A
Contact Rating 28VDC Resistive	6 A
Contact Rating Motor 120VAC	1/3 hp
Contact Rating Motor 240VAC	1/2 hp
Minimum Contact Load	500 mW
Contact Resistance, Initial	100 milliohms max at 6VDC

Coil

Coils Available	AC
Power Consumption	2 VA
Transient Protection	Yes

Input Voltage Tolerance - AC	85% to 110% of nominal
Duty	Continuous

Dielectric Strength

Across Open Contacts	500 Vrms
Between Mutually Insulated Point	1500 Vrms
Insulation Resistance	1,000 Mohms min at 500VDC

Temperature

Operating	-20 to 55 °C -4 to 131 °F
Storage	-40 to 85 °C -40 to 185 °F

Life Expectancy

Electrical (full load)	200,000
Mechanical (no load)	5,000,000

Miscellaneous

Mounting Position	Any
Mating Socket	SK-SQB11-DS
Enclosure	Opaque Polycarbonate
Weight	4.4 oz 125 g

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