SPLIT-CORE AC CURRENT SWTICH

SC-610-200 Series

The SC-610-200 series incorporates:

* split-core design
* auto-ranging
* self-powered and no insertion loss
* true digital switching and no leakage
* field adjustable setpoint
* status and power LED’s
* solid-state reliability
* input / output isolation via current transformer

PRODUCT HIGHLIGHTS

* compact form factor
* solid, reliable mounting
* removeable base with integrated din rail mounting

SPECIFICATIONS

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| CURRENT SETPOINT | Adjustable - 2 to 200 Amps |
| MAXIMUM INPUT CURRENT | 200 Amps continuous |
| SENSOR POWER | Self-powered |
| OUTPUT TYPE | Solid-state mosfet |
| OUTPUT SWITCH ACTION | Normally open |
| OUTPUT SWITCH RATINGS | 30 Vac/dc, 500 mA max |
| VON @ 24 VDC AT 500 mA | <50 mV |
| FREQUENCY | 50/60 Hz |
| RESPONSE TIME | 200 mS typical |
| INSULATION CLASS | 600 Vac, insulated conductors |
| OPERATING TEMPERATURE | -15 to 50°C (5 to 122°F) |
| OPERATING HUMIDITY | 5 to 90 %RH non-condensing |
| WIRING CONNECTIONS | Screw terminal block (14 to 22 AWG) |
| DIMENSIONS | 76mm W x 79mm H x 24.9mm D (3” x 3.1” x 0.98”) |
| SENSOR APERTURE | 20.3mm (0.8”) |
| ENCLOSURE MATERIAL AGENCY | ABS/PC, UL94-V0 |
| APPROVALS | cULus listed |