AC CURRENT SENSOR

CS-651 Series

The CS-651 series incorporates:

* factory calibration
* self-powered and no insertion loss
* 0-10 Vdc Output
* average measurement
* solid-state reliability
* input / output isolation via current transformer

PRODUCT HIGHLIGHTS

* compact form factor
* solid, reliable mounting

SPECIFICATIONS

|  |  |
| --- | --- |
| SPECIFICATIONS |  |
| MEASUREMENT RANGE | **CS-651-R1:** 0-10/20/50 Amps  **CS-651-100:** 0-100 Amps  **CS-651-200:** 0-200 Amps |
| MAXIMUM INPUT CURRENT | **CS-651-R1:** 100 Amps continuous  **CS-651-100:** 150 Amps continuous  **CS-651-200:** 225 Amps continuous |
| ACCURACY | **CS-651-R1:** ±2% FSO, **CS-651-100/200:** ±1% FSO (5-100% of range) |
| SIGNAL | 0-10 Vdc |
| SENSOR POWER | Self-powered |
| INSULATION CLASS | 600 Vac, insulated conductors |
| FREQUENCY | 50/60 Hz |
| RESPONSE TIME | 200 mS typical, 0-90% |
| OUTPUT LOAD | 1 MΩ typical |
| LOADING ERROR | Add 0.5% error with 100KΩ |
| OPERATING TEMPERATURE | -15 to 60°C (5 to 140°F) |
| OPERATING HUMIDITY | 5 to 90 %RH non-condensing |
| TERMINAL BLOCK | 14 to 22 AWG |
| DIMENSIONS | 67mm W x 68.9mm H x 24.1mm D (2.65” x 2.7” x 0.95”) |
| SENSOR APERTURE | 20.3mm (0.8”) |
| ENCLOSURE MATERIAL | ABS/PC, UL94-V0 |
| AGENCY APPROVALS | cULus listed |