AC CURRENT SENSOR

CS-652 Series

The CS-652 series incorporates:

* factory calibration
* self-powered and no insertion loss
* 4-20 mA 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-652-R1:** 0-10/20/50 Amps**CS-652-R2:** 0-50/100/150 Amps**CS-652-200:** 0-200 Amps |
| MAXIMUM INPUT CURRENT | **CS-652-R1:** 100 Amps continuous**CS-652-R2:** 150 Amps continuous**CS-652-200:** 250 Amps continuous |
| ACCURACY | **CS-652-R1/R2:** ±2% FSO, **CS-652-200:** ±1% FSO (5-100% of range) |
| SIGNAL  | 4-20 mA |
| SENSOR POWER  | 15 to 30 Vdc (loop-powered) |
| INSULATION CLASS  | 600 Vac, insulated conductors |
| FREQUENCY  | 50/60 Hz |
| RESPONSE TIME  | 200 mS typical, 0-90% |
| OUTPUT LOAD  | 250Ω typical  |
| MAXIMUM LOAD  | >600 Ω @ 24 Vdc |
| 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 |