

50/60 Hz Current Sensor – CS60-010



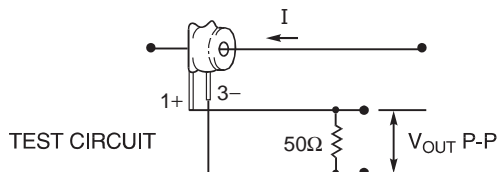
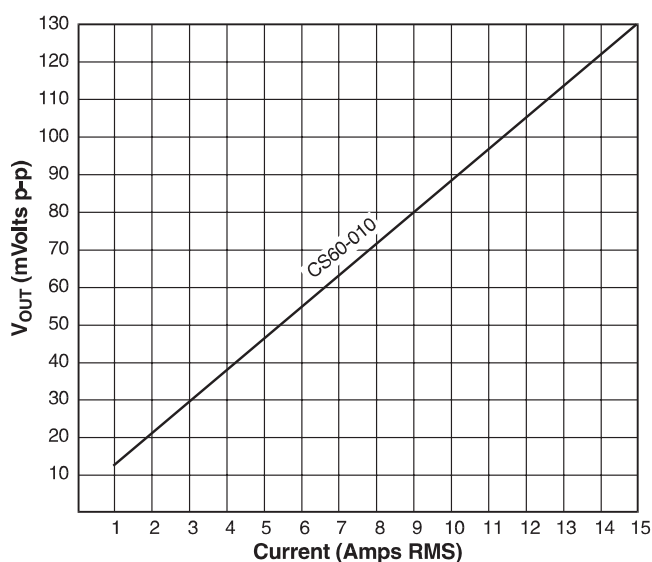
This Coilcraft current sensor is intended for measuring current from 1 to 10 amps RMS. The sensor functions as the encapsulated secondary of a current transformer, while the conductor carrying the current to be measured serves as the “one turn primary.” Sensitivity may be enhanced by increasing primary turns.

Minimum wall thickness of the hole is 0.5 mm which meets IEC 380 and other requirements when used with an insulated conductor.

Applications include sensing branch circuit overload and detecting load drop or shutdown.

Coilcraft **Designer's Kit P203** contains samples of this sensor, the CS2106 current sense transformer, as well as several high frequency current sensors. To order, contact Coilcraft.

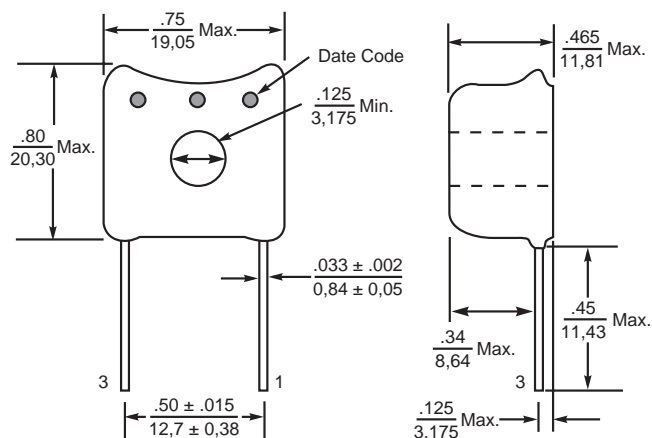
TYPICAL RESPONSE



SPECIFICATIONS

| Part Number | Recommended Current | V Out Tolerance |
|-------------|---------------------|-----------------|
| CS60-010 | 1–10 A RMS | ±10% |

(For values above 10 A RMS, see CS60 Series, Document 134.)



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