Honeywell | Sensing and Control

CSNP661-002



Actual product appearance may vary.

CSN Series closed loop current sensor, measures ac, dc or impulse current, 50 A nominal, ±90 amp range, offset pin, busbar, 1000 turn

Product Specifications

Product Type	Closed Loop Linear
Sensed Current Type	ac or dc
Sensed Current Range	±90 A
Package Type	Series Connect PCB Mount
Output Type	Current
Continuous Current	±90 A
Operate Current	50 A RMS @ 25 °C
Supply Current	±10 mA + Output
Supply Voltage	±12.0 Vdc to ±15.0 Vdc
Offset Current	< ±0.2 mA
Offset Current Drift	< ±0.5 mA
Coil Resistance	30 Ohm
Response Time	< 0.5 µs
Coil Turns	1000
Output Nominal	50 mA
Operating Temperature	-40 °C to 85 °C [-40 °F to 185 °F]
Storage Temperature	-40 °C to 90 °C [-40 °F to 194 °F]
Measuring Resistance	70 Ohm min., 195 Ohm max.
Housing Material	Glass-filled PBT (UL94-V0)
Mounting	PCB on 3 Pins
Pinout Style	Offset
Accuracy	±0.5 %
Availability	Global
Comment	Fitted w ith a primary busbar.
UNSPSC Code	41111928
UNSPSC Commodity	41111928 Current Sensors
Series Name	CSN