CSNE151-005



Actual product appearance may vary.

CSN Series closed loop current sensor, measures ac, dc or impulse current, 25 amp-turns nominal, ±36 amp-turns range, smaller housing, 1000 turn

Product Specifications

Product Type	Closed Loop Linear
Sensed Current Type	ac or dc
Sensed Current Range	±36 A
Package Type	Series Connect PCB Mount
Output Type	Current
Continuous Current	±36 A
Operate Current	25 A RMS @ 25 °C
Supply Current	±10 mA + Output
Supply Voltage	±15.0 Vdc
Offset Current	< ±0.15 mA
Offset Current Drift	< ±0.6 mA
Coil Resistance	110 Ohm
Response Time	< 1 µs
Coil Turns	1000
Output Nominal	25 mA
Operating Temperature	0 °C to 70 °C [32 °F to 158 °F]
Storage Temperature	-40 °C to 90 °C [-40 °F to 194 °F]
Measuring Resistance	100 Ohm min., 320 Ohm max.
Housing Material	Glass-filled PBT (UL94-V0)
Mounting	PCB on 13 Pins
Pinout Style	5 Pin
Accuracy	±0.5 %
Availability	Global
Comment	Contained in a smaller housing.
UNSPSC Code	41111928
UNSPSC Commodity	41111928 Current Sensors
Series Name	CSN