

## CSNE151-002

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CSN Series closed loop current sensor, measures ac, dc or impulse current, 25 amp-turns nominal,  $\pm 43$  amp-turns range, high temperature, potted, 1000 turn

Actual product appearance may vary.

### Product Specifications

Product Type	Closed Loop Linear
Sensed Current Type	ac or dc
Sensed Current Range	$\pm 43$ A
Package Type	Series Connect PCB Mount
Output Type	Current
Continuous Current	$\pm 36$ A
Operate Current	25 A RMS @ 25 °C
Supply Current	$\pm 10$ mA + Output
Supply Voltage	$\pm 15.0$ Vdc
Offset Current	$< \pm 0.15$ mA
Offset Current Drift	$< \pm 0.6$ mA
Coil Resistance	110 Ohm
Response Time	$< 1$ $\mu$ s
Coil Turns	1000
Output Nominal	25 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	100 Ohm min., 320 Ohm max.
Housing Material	Glass-filled PBT (UL94-V0)
Mounting	PCB on 17 Pins
Pinout Style	7 Pin
Accuracy	$\pm 0.5$ %
Availability	Global
Comment	Extended operating temperature range and seven integral primary turns. Sensed current range only applies up to 70 °C.
UNSPSC Code	41111928
UNSPSC Commodity	41111928 Current Sensors
Series Name	CSN

