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CSN Series closed loop current sensor, measures ac, dc or impulse current, 25 amp-turns nominal, ± 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	± 43 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 μ 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	± 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



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