

Honeywell Sensing and Control

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CSNF151-001 ( Home : Products : Sensors » Current Sensors » Closed Loop » CSN )



Actual product appearance may vary.

CSN Series closed loop current sensor, measures ac, dc or impulse current, 100 A nominal, ±180 amp range, center pin, busbar, 2000 turn

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Overview Specs Documentation Application Notes

Product Specifications

Product Type	Closed Loop Linear
Sensed Current Type	ac or dc
Sensed Current Range	±180 A
Package Type	Series Connect PCB Mount
Output Type	Current
Continuous Current	±180 A
Operate Current	100 A RMS @ 25 °C
Supply Current	±10 mA + Output
Supply Voltage	±12.0 Vdc to ±15.0 Vdc
Offset Current	< ±0.1 mA
Offset Current Drift	< ±0.25 mA
Coil Resistance	100 Ohm
Response Time	< 0.5 μs
Coil Turns	2000
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	0 Ohm min., 125 Ohm max.
Housing Material	Glass-filled PBT (UL94-V0)
Mounting	PCB on 3 Pins
Pinout Style	Center
Accuracy	±0.5 %
Availability	Global
Comment	Fitted with a primary busbar.
UNSPSC Code	411121
UNSPSC Commodity	411121 Transducers
Series Name	CSN

contacts

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