

CSNT651-001

([Home](#) : [Products](#) : [Sensors](#) : [Current Sensors](#) : [Closed Loop](#) : [CSN](#))



CSN Series closed loop current sensor, measures ac, dc or impulse current, 100 A nominal, ±150 amp range, offset pin, busbar, 2000 turn

Actual product appearance may vary.

Product Specifications

Product Type	Closed Loop Linear
Sensed Current Type	ac or dc
Sensed Current Range	±150 A
Package Type	Series Connect PCB Mount
Output Type	Current
Continuous Current	±150 A
Operate Current	50 A RMS @ 25 °C
Supply Current	±10 mA + Output
Supply Voltage	±12.0 Vdc to ±15.0 Vdc
Offset Current	< ±0.1 mA
Offset Current Drift	< ±0.25 mA
Coil Resistance	100 Ohm
Response Time	< 0.5 µs
Coil Turns	2000
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	10 Ohm min., 125 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