



Open Loop - CSLH3A9

(Home : Products : Sensors : Current Sensors : Open Loop : CSLH)

Image Not Available

CSLH Series miniature open-loop current sensor, 9 A sensed current, sink or source output, through-hole, operates on ac or dc current, bottom mount

Actual product appearance may vary.

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Overview

Specs

Documentation

Description

Honeywell's CSLH Series miniature, open-loop current sensors incorporate our SS490 Series miniature ratiometric linear Hall-effect sensor (MRLD). The sensing element is encapsulated in a printed circuit board-mountable plastic package. The combination of sensor, flux collector and housing comprises the current sensor assembly. These sensors are ratiometric.

Features

- ac or dc current sensing
- Linear ratiometric output
- Current sinking or sourcing output for interfacing flexibility
- No insertion loss
- Fast response time
- Compact size for applications with limited space
- Low-cost sensing
- Minimum energy dissipation
- Maximum current limited only by conductor size
- Built-in temperature compensation promotes reliable operation
- Operating temperature range -25 °C to 100 °C [-13 °F to 212 °F]
- RoHS compliant (lead-free)

Typical Applications

- Motor control in applications, HVAC and consumer tools
- Current monitoring of electronic circuits
- Overcurrent protection
- Ground fault detectors
- Robotics
- Industrial process control
- UPS and telecommunication power supplies
- Welding current monitoring
- Battery management systems in mobile equipment
- Watt meters
- Variable speed drives

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