CSNZ-600 Series

Miniature Split-Core, Fixed Set Point Digital Output Current Sensors

DESCRIPTION

The CSNZ-600 Series Current Sensors provide a cost-effective solution for monitoring the status of direct drive equipment, unit vents, fan coil units, recirculation pumps and other fixed loads where belt loss is not a concern. The low 0.15 A turn-on on this "go/no-go" sensor often makes it ideal for small exhaust fans.

The CSNZ-600 Series solid state output provides more reliable status monitoring than relays across auxiliary contacts. It is also more cost-effective in lighting status applications than 277 V relays.

The small package size easily fits inside most small starter enclosures, eliminating the need for extra electrical enclosures and saving installation time. The self-gripping mounting teeth eliminate the need for drill installation. The split-core allows fast retrofit installation.

A DIN rail clip set (available separately) increases installation flexibility.

FEATURES

- Low 0.15 A turn on
- Amperage range of 0.15 A to 200 A
- 100 % solid state
- 1.0 A at 30 Vac/Vdc output rating
- Small package size
- Split-core design
- Self-gripping mounting teeth
- CE marked, cULus approved

POTENTIAL APPLICATIONS

- Monitoring on/off status of electrical loads
- Monitoring direct drive equipment, fan coil units, exhaust fans and other fixed loads
- Verification of lighting circuits and other electrical service run times

CSNZ-600 Series

SPECIFICATIONS

Characteristic	Parameter
Amperage range	0.15 A to 200 A
Sensor power	induced
Status output ratings	N.O. 1.0 A at 30 Vac/dc, non-polarity sensitive
Off-state leakage	0 (open switch represents 1 + MOhm of resistance)
Insulation class	600 Vac rms
Frequency range	50/60 Hz
Temperature range*	0 A to 150 A: -15 ºC to 60 ºC [5 ºF to 140 ºF] 151 A to 200 A: 15 ºC to 40 ºC [49 ºF to 104 ºF]
Humidity range	0% to 95% non-condensing
Trip setpoint	fixed 0.15 A
Dimensions (L x W x H)	60 mm x 51 mm x 23 mm [2.34 in x 2.0 in x 0.92 in]
Sensor hole size (L x W)	13 mm x 16 mm [0.52 in x 0.68 in]
Approvals	CE, cULus UL508 E150462

*Use min. 75 ºC [167 ºF] insulated conductor.

MOUNTING DIMENSIONS (For reference only mm/[in].)
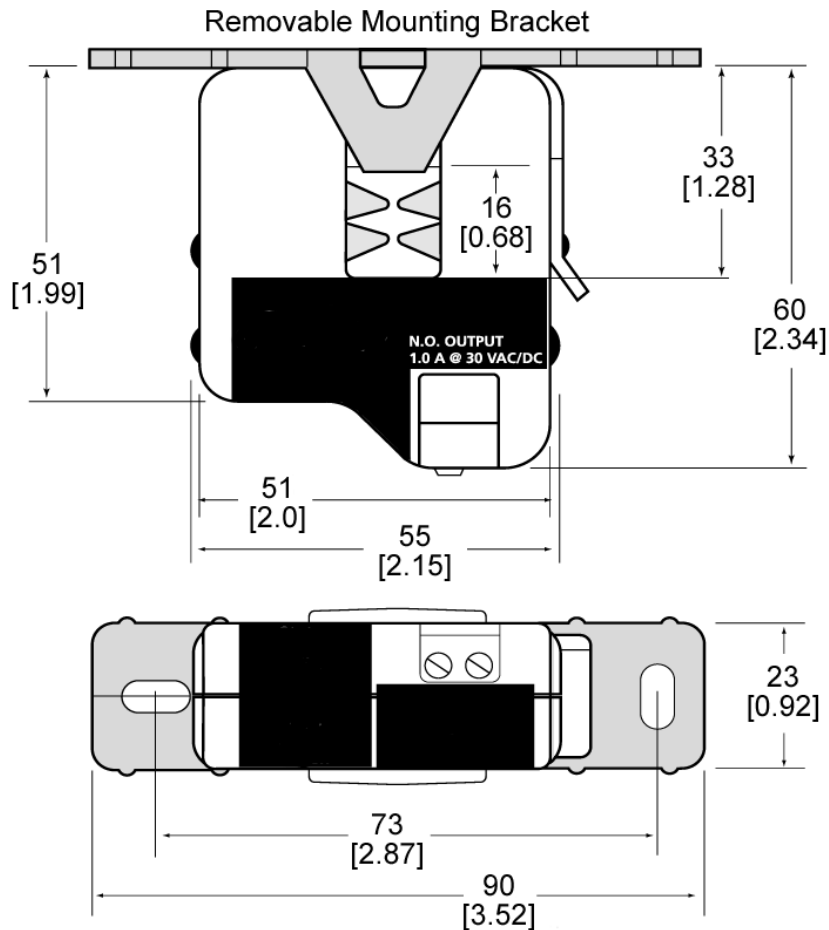
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APPLICATION/WIRING EXAMPLE
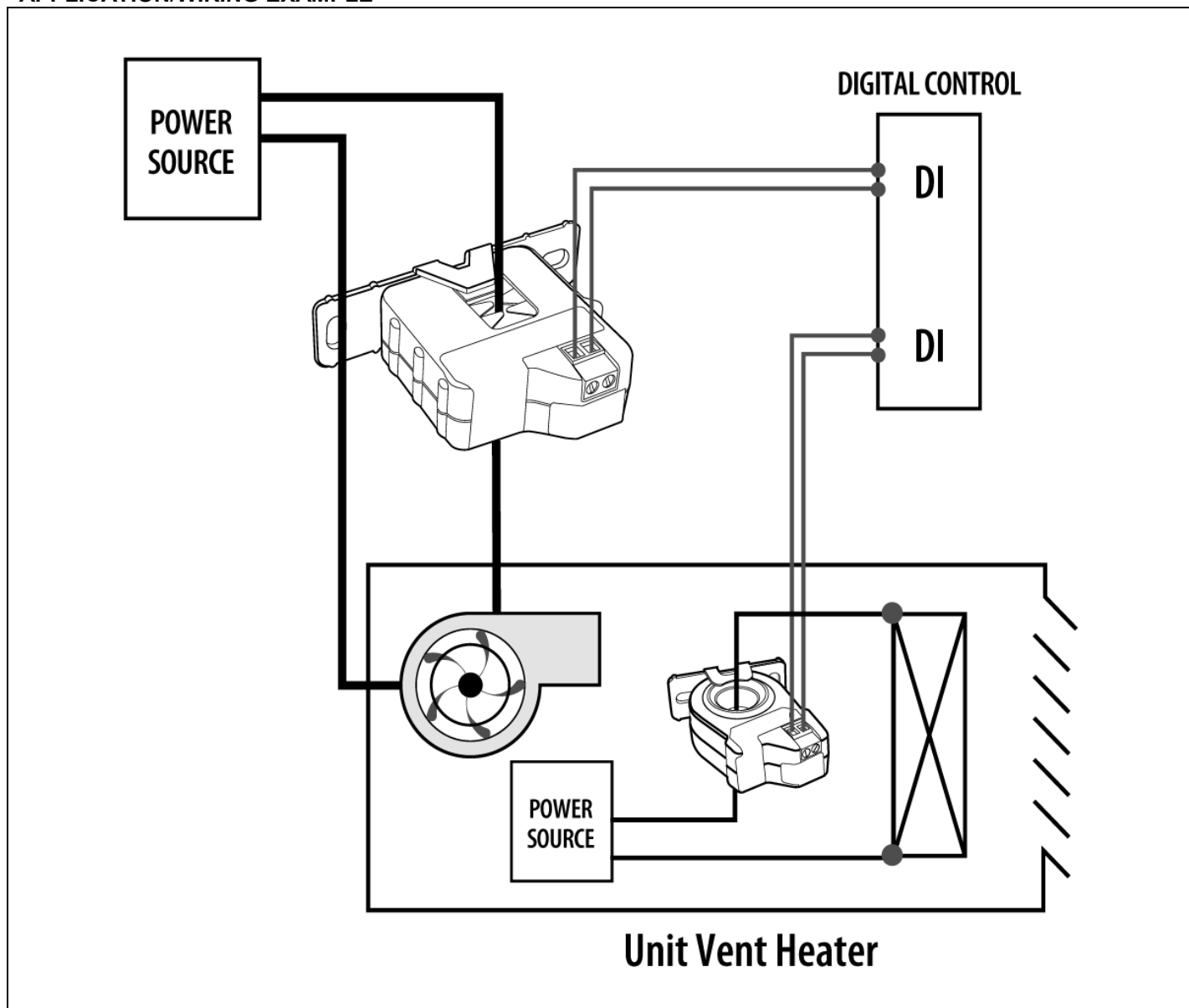
ORDER GUIDE

Catalog Listing	Description
CSNZ-600	Miniature Split-Core Fixed Set Point Digital Output Current Sensor
AH01	DIN Rail Clip Set

SALES AND SERVICE

Honeywell serves its customers through a worldwide network of sales offices, representatives and distributors. For application assistance, current specifications, pricing or name of the nearest Authorized Distributor, contact your local sales office or:

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