



DETECT BELT LOSS, COUPLING SHEAR, AND MECHANICAL FAILURE



H308



Smallest in the industry (patent pending)

H608



Small split-core housing is great for retrofits

H701



Economy solid-core model with no LEDs

H708



Adjustable mounting bracket makes installing easy

H808



Low 0.75A threshold, Ideal for small motor monitoring

H908



High amperage range in a split-core housing

Current Switches: Adjustable Trip Point, Standard Output

Hx08 Series and H701 current switches offer high performance, with a wide array of amperage range options. These products can accurately detect belt loss, coupling shear, or other mechanical failure on loads from 1/5 to 100HP.

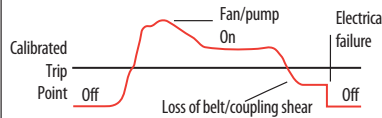
APPLICATIONS

- Detecting belt loss, coupling shear, and mechanical failure
- Verifying lighting circuit and other electrical service run times
- Monitoring status of industrial process equipment
- Monitoring status of critical motors (compressor, fuel, etc.)

High performance devices in split- and solid-core housings

- Minimum trip point as low as 0.5A (H608)... eliminates the need for multiple wraps of the conductor through the sensor even on loads as small as 1/5HP
- Small size...fits easily inside small enclosures
- Self-gripping iris on the split-core housing for easy installation
- Status LEDs for easy setup and local indication (no LED on the H701)
- Bracket on H908 can be installed in three different configurations
- 1 Amp status output for increased application flexibility
- All devices are 100% solid state and polarity insensitive, with a 5-year warranty

Detects belt loss/coupling shear!



Now you can easily detect when drive belts slip, break, or pump couplings shear. In fact, a typical HVAC motor that loses its load has a reduction of current draw of up to 50%. That's why our sensors are the industry standard for status.

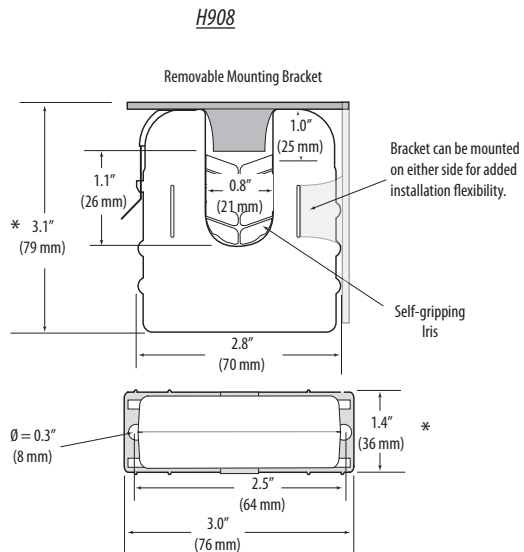
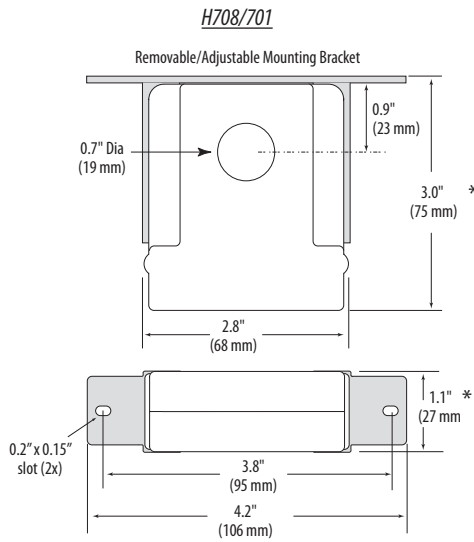
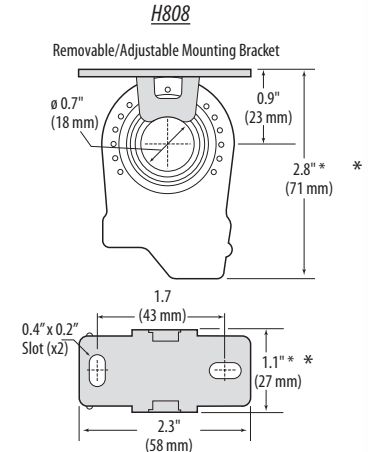
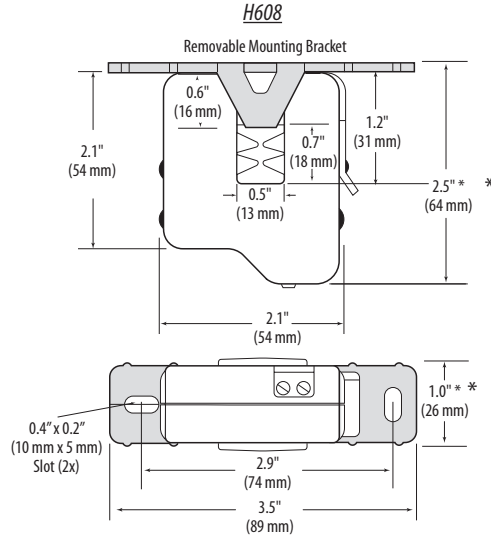
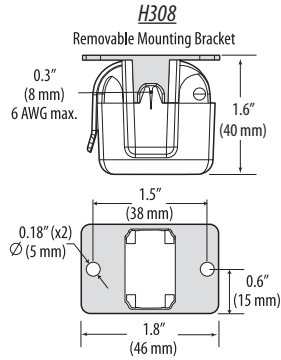


SPECIFICATIONS

Sensor Power	Induced from monitored conductor
Insulation Class	600VAC RMS (UL), 300VAC RMS (CE)
Frequency Range	50/60 Hz
Temperature Range	-15° to 60°C (5° to 140°F)
Humidity Range	10-90% RH, non-condensing
Hysteresis	10% (typical)
Terminal Block Maximum Wire Size	14 AWG (16 AWG for H308)
Terminal Block Torque (nominal)	4 in-lbs (7 in-lbs for H308)
Agency Approvals	UL 508 open device listing CE: EN61010-1:2001-02, CAT III, deg. 2, basic insulation

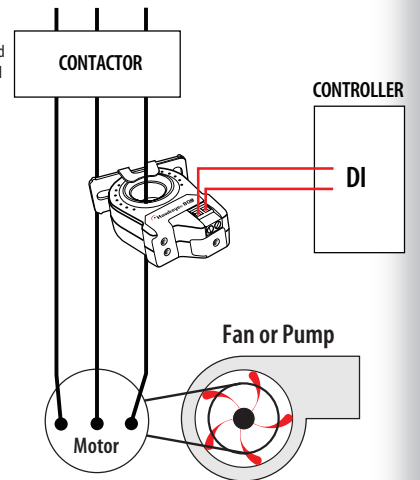
Do not use the LED status indicators as evidence of applied voltage.
For applications requiring double or reinforced insulation, please contact the factory.

DIMENSIONAL DRAWINGS



APPLICATION/WIRING EXAMPLE

Monitoring Fan /Pump Motors for Positive Proof of Flow



* Terminal block may extend up to 1/8" over the height dimensions shown.

ORDERING INFORMATION



MODEL	AMPERAGE RANGE	STATUS OUTPUT (max.)	MIN. TRIP POINT	HOUSING	STATUS LED	UL	CE	RoHS
H308	0.75 - 50A	N.O. 1.0A@30VAC/DC	0.75A or less	Split-Core	●	●	● ²	●
H608	0.50 - 175A		0.5A or less	Split-Core	●	● ¹	●	●
H701	1 - 135A		1.0A or less	Solid-Core	●	●	●	●
H708	1 - 135A		1.0A or less	Solid-Core	●	●	●	●
H808	0.75 - 50A		0.75A or less	Solid-Core	●	●	●	●
H908	2.5 - 135A		2.5A or less	Split-Core	●	●	●	●

For high voltage outputs, see page 24

¹ Listed for use on 75°C insulated conductors.

² Product provides functional insulation only.

ACCESSORIES

DIN Rail Clip Set, DIN Rail, and DIN Stop Clip...see page 219.