Current Switches: Adjustable Trip Point, High Voltage Output

Detect Belt Loss, Coupling Shear, And Mechanical Failure

5 Year Warranty

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.)

FEATURES

High performance current switches

- The H809 has a low (0.75A) minimum setpoint...eliminates the need for multiple wraps of the conductor through the sensor even on loads as small as 1/5HP
- H609 and H809 are small in size to fit easily inside small starter enclosures
- Removable mounting bracket optimizes field versatility
- Bracket on H909 can be installed in three different configurations... added flexibility
- Status LEDs for easy setup and local indication

Monitor status of fans, pumps & electrical loads

- Detect belt loss and mechanical failure...ideal for fan/pump status monitoring
- Easier to install than differential pressure switches...no additional wiring needed
- Adjustable trip point
- 100% solid state...no moving parts to fail
- 5-year limited warranty

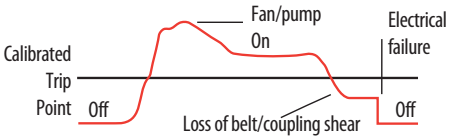
CURRENT SENSING THE ULTIMATE PROOF OF FLOW

Maximize Reliability
Minimize Installed Cost

DESCRIPTION

Hawkeye x09 Series are high performance current switches, ideal for line voltage loads. The devices are powered by the current being monitored.

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.

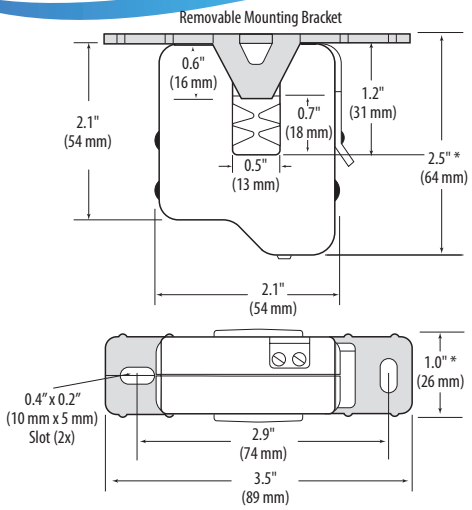
SPECIFICATIONS

Sensor Power	Induced from monitored conductor
Insulation Class	600VAC RMS
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
Terminal Block Torque (nominal)	4 in-lbs (0.45 N-m)

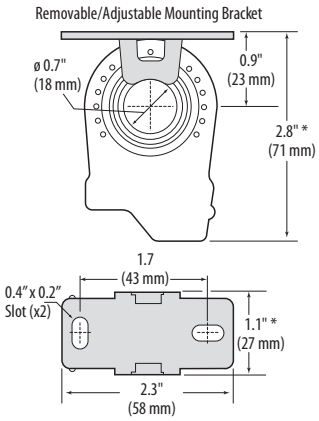
UL 508 open device listing; CE: EN61010-1:2001-02, CAT III, deg. 2, basic insulation
Do not use the LED status indicators as evidence of applied voltage

DIMENSIONAL DRAWINGS

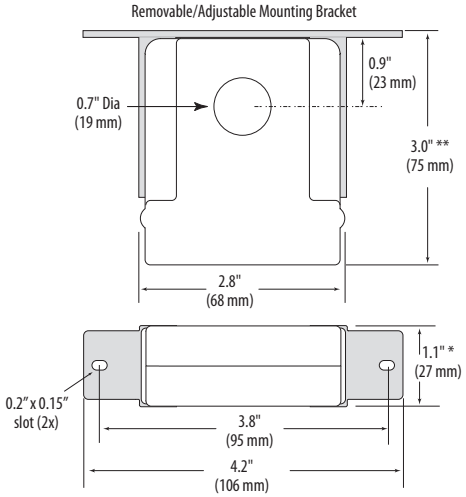
H609



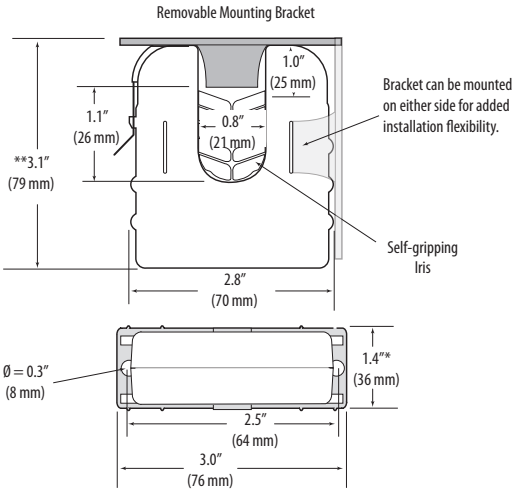
H809



H709/H709HV

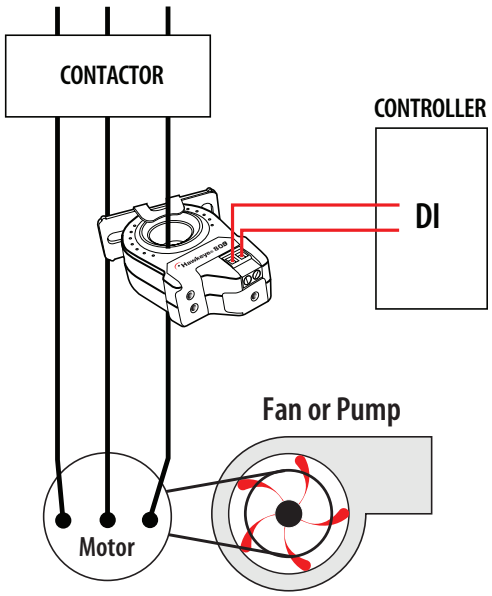


H909/H909HV



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

APPLICATION/WIRING DIAGRAM



ORDERING INFORMATION

LISTED 3T60 UL 508 E150462

MODEL	AMPERAGE RANGE	STATUS OUTPUT (max.)	MIN. TRIP POINT	STATUS LED	HOUSING	UL	CE	RoHS
H609	1.25 - 50A	N.O. 0.2A@120VAC/DC	1.25A or less	●	Split-core	●[1]		●
H709	1 - 135A	N.O. 0.2A@120VAC/DC	1.0A or less	●	Solid-core	●		
H709HV	1 - 135A	N.O. 1.0A@250VAC	1.0A or less		Solid-core		●	
H809	0.75 - 50A	N.O. 0.2A@120VAC/DC	0.75A or less	●	Solid-core	●[1]		●
H909	2.5 - 135A	N.O. 0.2A@120VAC/DC	2.5A or less	●	Split-core	●		
H909HV	2.5 - 135A	N.O. 1.0A@250VAC	2.5A or less		Split-core		●	

[1] *Listed for use on 75°C insulated conductors.*

ACCESSORIES

DIN Rail Clip Set (AH01)
DIN Rail (AV01) and DIN Stop Clip (AV02)