

Current Switches: Adjustable Trip Point, N.C. Output

Detect Belt Loss, Coupling Shear, And Mechanical Failure



DESCRIPTION

Hawkeye x06 Series solid- and split-core current switches provide accurate, reliable, and maintenance-free fan and pump status indication.

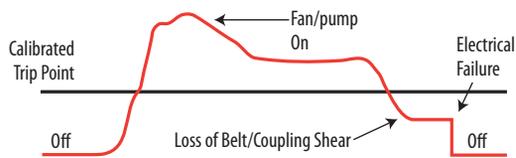
APPLICATIONS

- Monitoring fans, pumps, motors, and other electrical loads for proper operation
- Detecting belt loss and motor failure...ideal for fan and pump status
- Verifying lighting circuit loads
- Monitoring critical motors (compressor, fuel, etc.)
- Monitoring industrial process equipment status (OEM)

FEATURES

- Adjustable trip point...4 amperage range options for versatility
- Easier to install than differential pressure switches...no tubing needed
- 100% solid-state, no moving parts to fail
- Output status LEDs for fast setup
- Adjustable mounting bracket on the solid-core housing...easy placement
- Self-gripping iris on the split-core housing for easy installation
- Bracket on H906 can be installed in three different configurations...added flexibility
- 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.



CURRENT MONITORING

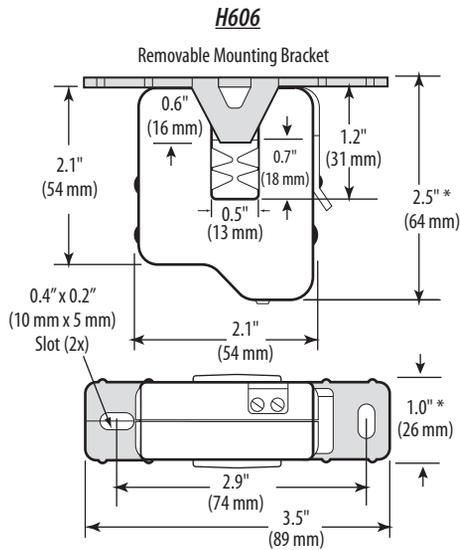
SPECIFICATIONS



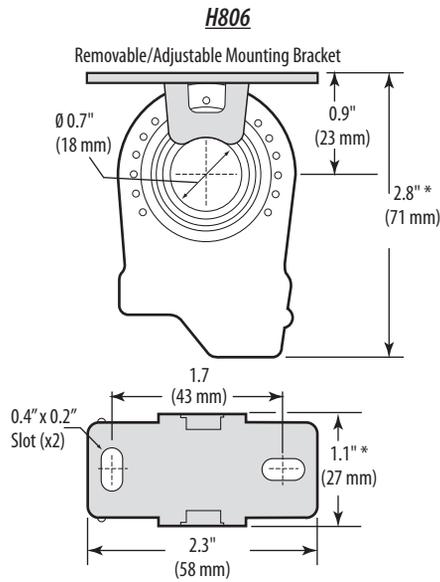
Sensor Power	5-30VDC
Insulation Class	600VAC RMS (UL), 300VAC RMS (CE)
Frequency Range	50/60 Hz
Temperature Range	-15° to 60°C (5° to 140°F)
Humidity Range	10-90% RH non-condensing
Hysteresis	10% Typical
Off State Leakage	34µA@5VDC, 200µA@30VDC
On State Voltage Drop	1.9VDC max@0.1A
Terminal Block Wire Size	24-14 AWG (0.2 to 2.1 mm ²)
Terminal Block Torque	3.5 to 4.4 in-lbs (0.4 to 0.5 N-m)
Agency Approvals	UL 508 open device listing; CE: EN61010-1:2001-02, CAT III, pollution degree 2, basic insulation

Do not use the LED status indicators as evidence of applied voltage

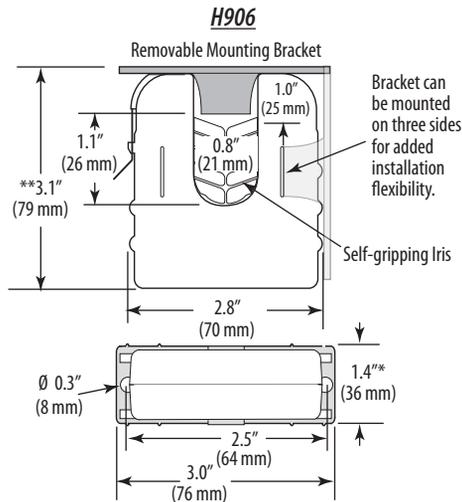
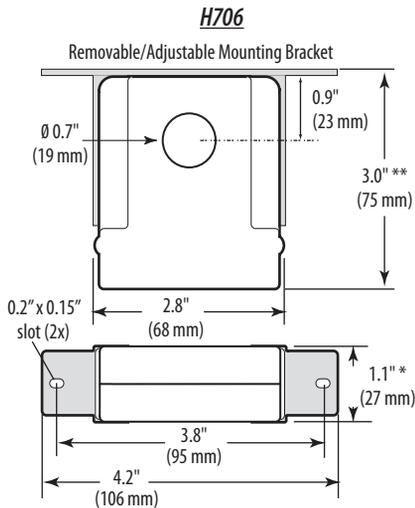
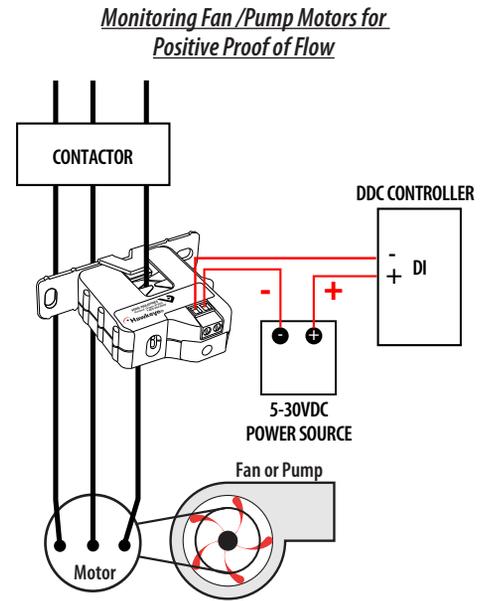
DIMENSIONAL DRAWINGS



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



APPLICATION/ WIRING DIAGRAM



ORDERING INFORMATION



MODEL	AMPERAGE RANGE	STATUS OUTPUT (max.)	MIN. TRIP POINT	HOUSING	STATUS LED	UL	CE	RoHS
H606	1.25 - 50A	N.C. 0.1A@30VDC	1.25A or less	Split-Core	●	● ¹	●	●
H706	1-135A		1.0A or less	Solid-Core	●	●	●	●
H806	0.75 - 50A		0.75A or less	Solid-Core	●	●	●	●
H906	2.5-135A		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)

