



Hawkeye® 708/908 Series

THE INDUSTRY STANDARD!

Solid- & Split-Core Adjustable Setpoint Digital Output Current Switches

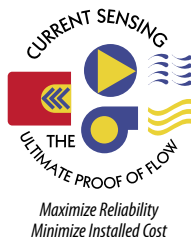
**5 Year
Warranty**

The Hawkeye 708/908 Series solid- and split-core adjustable current sensors provide accurate, reliable and maintenance-free fan and pump status indication.

APPLICATIONS

Monitor fans, pumps, motors & other electrical loads for proper operation

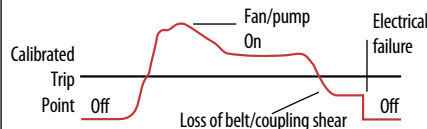
- Detect belt loss and motor failure...ideal for fan and pump status
- Replace pressure switches and other electromechanical devices
- Verify lighting circuit loads
- Monitor critical motors (compressor, fuel, etc.)
- Industrial process equipment status (OEM)



Cost effective...reduced installation & service costs

- Adjustable set-point...1 to 135A (708), 2.5 to 135A (908)
- More reliable & cost-effective than differential pressure switches...no fitting or tapping
- 100% solid-state, no moving parts to fail
- Output status LEDs for fast setup
- Polarity insensitive output...easy wiring
- Adjustable mounting bracket...easy placement
- Self-gripping iris eliminates the need for drill mounting...easy installation
- 5-year limited 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.

ORDERING INFORMATION

MODEL	AMPERAGE RANGE	OUTPUT TYPE	OUTPUT RATING (MAX.)	TRIP POINT ADJUSTMENT	STATUS OPEN LED	STATUS CLOSED LED
Solid-Core						
H701	1-135A	N.O. Solid-state	1.0A@30VAC/DC	●		
H706*	1-135A	N.C. Solid-state	0.1A@30VDC	●	●	●
H708	1-135A	N.O. Solid-state	1.0A@30VAC/DC	●	●	●
H709**	1-135A	N.O. Solid-state	0.2A@120VAC/DC	●	●	●
Split-Core						
H906*	2.5-135A	N.C. Solid-state	0.1A@30VDC	●	●	●
H908	2.5-135A	N.O. Solid-state	1.0A@30VAC/DC	●	●	●
H909	2.5-135A	N.O. Solid-state	0.2A@120VAC/DC	●	●	●

*Hx06 Models require a constant source of 5-30VDC power to the status contacts.

**CE not currently available on this product



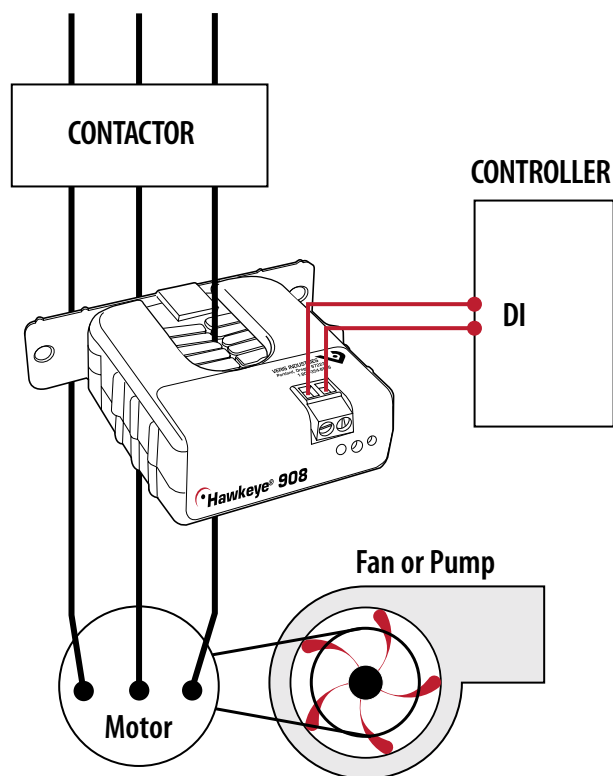
LISTED
3160
UL 508
E150462

ACCESSORIES

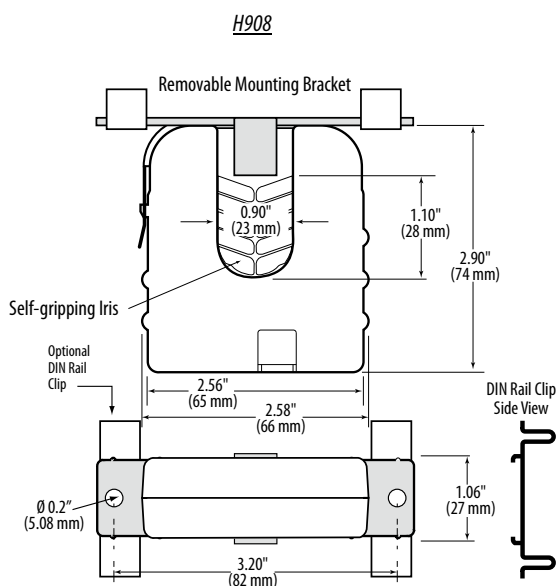
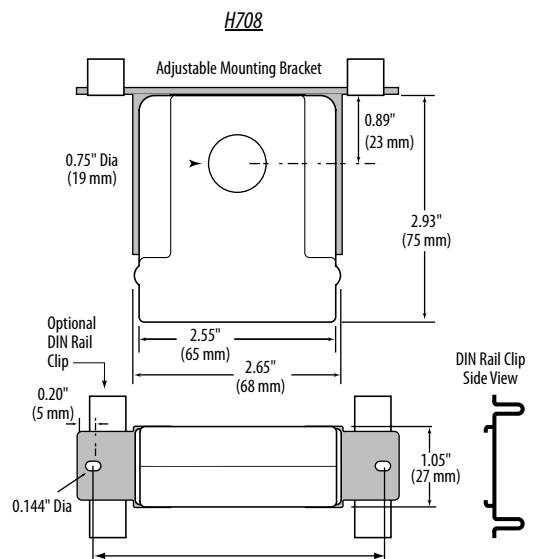
DIN Rail Clip Set...See page 234

APPLICATIONS/WIRING EXAMPLE

Monitoring Fan /Pump Motors for Positive Proof of Flow



DIMENSIONAL DRAWINGS



SPECIFICATIONS

Sensor Power	Induced from line
Output	Digital switch (see ordering table)
Insulation Class	600VAC rms
Frequency Range	50/60Hz.
Temperature Range	-15° to 60°C
Humidity Range	0 - 95% non-condensing
Trip Setpoint	Adjustable 1-135A
Hysteresis	10% Typical
Dimensions (708) ... (L x W x H)	2.93" (75mm) x 2.65" (68mm) x 1.05" (27mm)
Sensor Hole Size (708)	0.75" (19mm) diameter
Dimensions (908) ... (L x W x H)	2.90" (74mm) x 2.58" (66mm) x 1.06" (27mm)
Sensor Opening Size (908) ... (L x W)	1.10" (28mm) x .90" (23mm)
Status Contacts (Hx06 Models):	
Supply Voltage	5-30VDC, continuous supply
Off-state Leakage (max.)	24µA@30VDC
On-state Voltage Drop	1.7VDC (max.)@0.1A

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