



# Hawkeye® 708/908 Series

THE INDUSTRY STANDARD!

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

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**

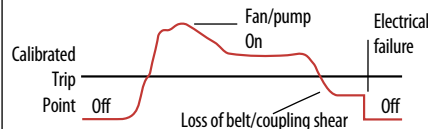
- Detect belt loss and motor failure...ideal for fan and pump status
- Replace pressure switches and other electromechanical devices
- Verify lighting circuit loads
- Monitor critical motors (compressor, fuel, etc.)
- Industrial process equipment status (OEM)



## 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
<b>Solid-Core</b>						
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	●	●	●
<b>Split-Core</b>						
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  
US  
E150462

## ACCESSORIES

DIN Rail Clip Set...See page 234



800.354.8556



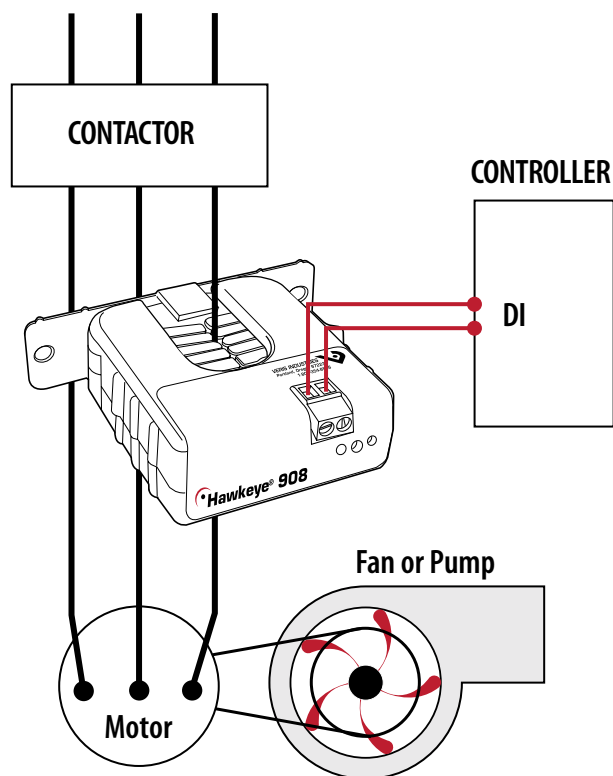
503.598.4564

www.veris.com

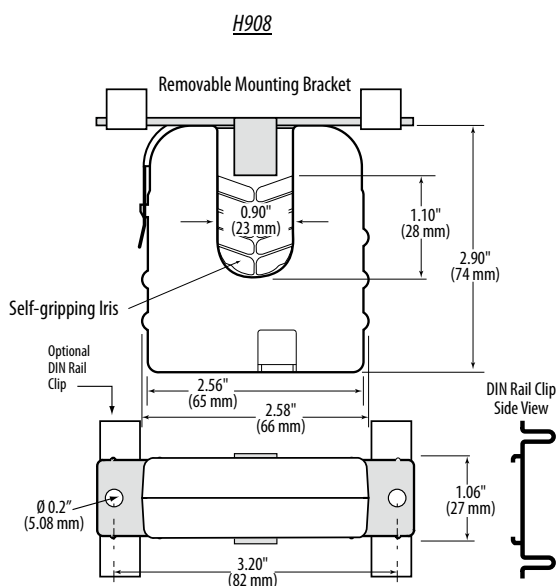
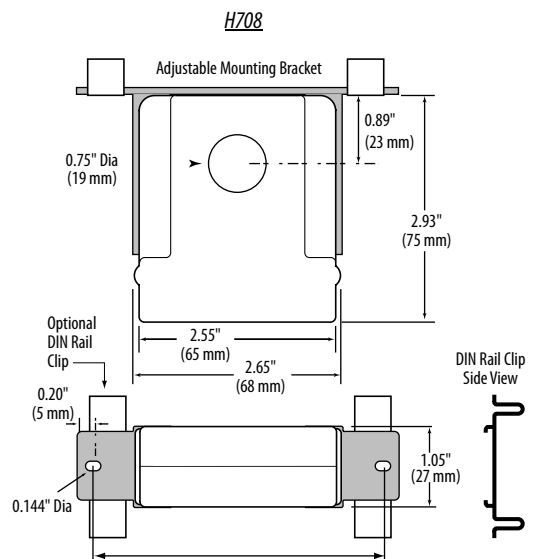
©2006 Veris Industries

## APPLICATIONS/WIRING EXAMPLE

### Monitoring Fan /Pump Motors for Positive Proof of Flow



## DIMENSIONAL DRAWINGS



## SPECIFICATIONS

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

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