

## CROSS REFERENCE TO ROCKWELL PART NUMBER PP4113

# **Hawkeye®** Mini Split-Core Adjustable Setpoint Digital Output Current Switches **608 Series**

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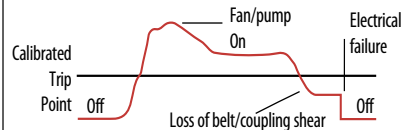


The Hawkeye 608 Series is a high performance miniature split-core current status switch. Its low minimum setpoint (1.25A) and small size make it ideal for monitoring status of small to medium motor loads. With an amperage range of 1.25 to 50 amps, the 608 series can accurately detect belt loss, coupling shear, or other mechanical failure on loads from 1/5 to 40HP.

### APPLICATIONS

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

### Detects belt loss/coupling shear!



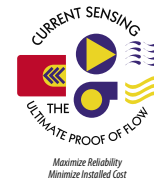
Now you can easily detect when drive belts slip, break, or pump couplings shear. In fact, a typical HVAC motor that loses its load has a reduction of current draw of up to 50%. That's why our sensors are the industry standard for status.

### New high performance miniature split-core

- Low (1.25A) minimum setpoint...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 starter enclosures
- Self-gripping iris eliminates the need for drill mounting...easy installation
- Status LEDs for easy setup and local indication
- 1 Amp status output for increased application flexibility

### Monitor status of fans, pumps & electrical loads

- Detects belt loss and mechanical failure...ideal for fan/pump status monitoring
- Reliable cost-effective fan/pump status sensor...the 608 series replaces pressure switches and other electromechanical devices...no fitting or tapping required
- Adjustable set point (1.25-50A)
- 100% solid state...no moving parts to fail
- Mounting bracket for installation flexibility
- 5-year limited warranty



### ORDERING INFORMATION

MODEL	AMPERAGE RANGE	OUTPUT TYPE (MAX.)	TRIP POINT ADJUSTMENT	STATUS OPEN LED	STATUS CLOSED LED
H608	1.25 - 50A	N.O. 1.0A@30VAC/DC	●	●	●
H606*	1.25 - 50A	N.C. .1A@30VDC	●	●	●
H609	1.25 - 50A	N.O. .2A@120VAC/DC	●	●	●

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



Do not use the LED indicators for evidence of applied voltage

### ACCESSORIES

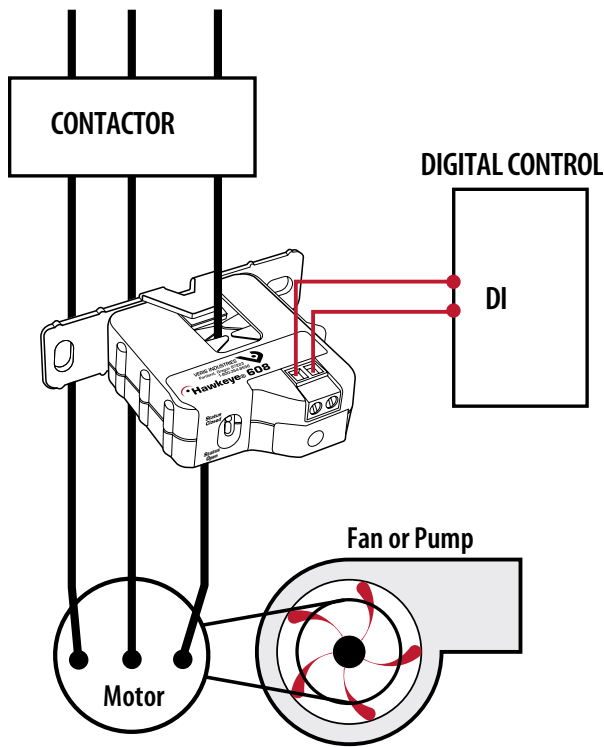
MODEL	DESCRIPTION
AH01	DIN Rail Clip Set

# MOD-TRONIC

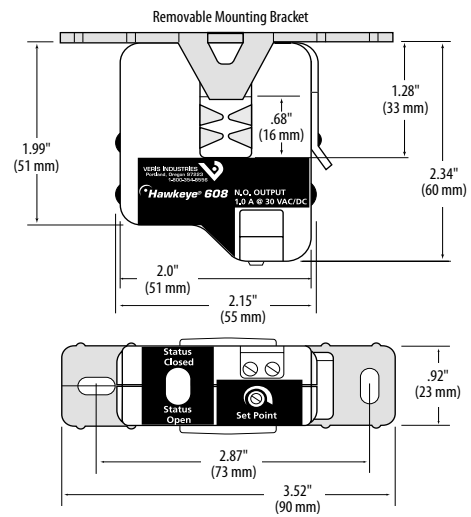
INSTRUMENTS LIMITED

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 Fax 905-457-4716 or 1-800-830-7122  
 sales@mod-tronic.com www.mod-tronic.com

APPLICATIONS/WIRING EXAMPLE



DIMENSIONAL DRAWINGS



NO!



YES!



**The H608 Won't Hang at the Bottom of the Box.**  
 The H608's self gripping teeth free up the installer's hands making it possible to perform a one hand calibration.

NO!



YES!



**The H608 Eliminates Extra Enclosures.**  
 The H608's small size (2.33" x 2.0") eliminates the need for extra electrical enclosures and saves you installation time.

NO!



YES!



**The H608 Does Not Require Extra Wraps.**  
 With a low 1.25 Amp turn-on, multiple wraps of wire through the sensor are eliminated even on loads as small as 1/5HP.

SPECIFICATIONS

Amperage Range	1.25 to 50A
Sensor Power	Induced
Output	Digital switch (see ordering table)
Insulation Class	600VAC rms
Frequency Range	50/60 Hz.
Temperature Range	15° to 60°C
Humidity Range	0 - 95% non-condensing
Hysteresis	10% (typical)
Trip Setpoint	Adjustable 1.25 to 50A
Dimensions... (L x W x H)	(2.34" x 2.0" x .92")
Sensor Opening Size... (L x W)	.52" x .68"
<i>Status Contacts (Hx06 Models)</i>	
Supply Voltage	5-30VDC, permanently connected
Off-state Leakage (max.)	24µA@30VDC
On-state Voltage Drop	1.7VDC (max.)@0.1A