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.)

**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

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**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>AMPERAGE RANGE</th>
<th>OUTPUT TYPE (Max.)</th>
<th>TRIP POINT ADJUSTMENT</th>
<th>STATUS OPEN LED</th>
<th>STATUS CLOSED LED</th>
</tr>
</thead>
<tbody>
<tr>
<td>H608</td>
<td>1.25 - 50A</td>
<td>N.O. 1.0A@30VAC/DC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H606*</td>
<td>1.25 - 50A</td>
<td>N.C. .1A@30VDC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H609**</td>
<td>1.25 - 50A</td>
<td>N.O. .2A@120VAC/DC</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*H606 Models require a constant source of 5-30VDC power to the status contacts

**CE not currently available on this product**

**ACCESSORIES**

DIN Rail Clip Set...See page 234

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**Detected 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.
**APPLICATIONS/WIRING EXAMPLE**

- **CONTROLLER**
- **DI**
- **Fan or Pump**
- **Motor**

**DIMENSIONAL DRAWINGS**

**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" (60mm) x 2.15" (55mm) x .92" (24mm)
- **Sensor Opening Size... (L x W)**: 0.52" (13mm) x 0.68" (17mm)
- **Status Contacts (Hx06 Models)**:
  - **Supply Voltage**: 5-30VDC, permanently connected
  - **Off-state Leakage (max.)**: 24µA@30VDC
  - **On-state Voltage Drop**: 1.7VDC (max.)@0.1A

**APPLICATIONS/WIRING EXAMPLE**

- **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.

- **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.

- **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.

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