CURRENT MONITORING

DETECT BELT LOSS, COUPLING SHEAR, AND MECHANICAL FAILURE

5 Year Warranty

H308
Smallest in the industry (patent pending)

H608
Small split-core housing is great for retrofits

H701
Economy solid-core model with no LEDs

H708
Adjustable mounting bracket makes installing easy

H808
Low 0.75A threshold, ideal for small motor monitoring

H908
High amperage range in a split-core housing

Current Switches: Adjustable Trip Point, Standard Output

Hx08 Series and H701 current switches offer high performance, with a wide array of amperage range options. These products can accurately detect belt loss, coupling shear, or other mechanical failure on loads from 1/5 to 100HP.

APPLICATIONS

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

High performance devices in split- and solid-core housings

- Minimum trip point as low as 0.5A (H608)... 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 enclosures
- Self-gripping iris on the split-core housing for easy installation
- Status LEDs for easy setup and local indication (no LED on the H701)
- Bracket on H908 can be installed in three different configurations
- 1 Amp status output for increased application flexibility
- All devices are 100% solid state and polarity insensitive, with a 5-year warranty

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.

SPECIFICATIONS

- Sensor Power: Induced from monitored conductor
- 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)
- Terminal Block Maximum Wire Size: 14 AWG (16 AWG for H308)
- Terminal Block Torque (nominal): 4 in-lbs (7 in-lbs for H308)
- Agency Approvals: UL 508 open device listing

Do not use the LED status indicators as evidence of applied voltage. For applications requiring double or reinforced insulation, please contact the factory.
**CURRENT MONITORING**

**ORDERING INFORMATION**

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<th>MODEL</th>
<th>AMPERAGE RANGE</th>
<th>STATUS OUTPUT (max.)</th>
<th>MIN. TRIP POINT</th>
<th>HOUSING</th>
<th>STATUS LED</th>
<th>UL</th>
<th>CE</th>
<th>RoHS</th>
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<tbody>
<tr>
<td>H308</td>
<td>0.75 - 50A</td>
<td></td>
<td>0.75A or less</td>
<td>Split-Core</td>
<td></td>
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<tr>
<td>H608</td>
<td>0.50 - 175A</td>
<td></td>
<td>0.5A or less</td>
<td>Split-Core</td>
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<td></td>
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<tr>
<td>H701</td>
<td>1 - 135A</td>
<td>N.O. 1.0A@30VAC/DC</td>
<td>1.0A or less</td>
<td>Solid-Core</td>
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<tr>
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<tr>
<td>H908</td>
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<td>2.5A or less</td>
<td>Split-Core</td>
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For high voltage outputs, see page 24

**ACCESSORIES**

DIN Rail Clip Set, DIN Rail, and DIN Stop Clip...see page 219.

1 Listed for use on 75°C insulated conductors.
2 Product provides functional insulation only.