Current Switches with Relay: Fixed Trip Point

Hx30/40/50 Series

Hawkeye™

H730

H930

CURRENT SENSING THE ULTIMATE PROOF OF FLOW

Maximize Reliability
Minimize Installed Cost

On/Off Status & Control In One Package

FEATURES

- *Reduce the number of installed components...saves time and space*
- *On/off status and command relay in a single labor and space saving device*
- *Cost-effectively monitor start/stop, unit vents, fan coils, exhaust fans, and other loads where belt loss is not a concern*
- *H740 and H940 feature a SPDT command relay*
- *No calibration required...easy setup and operation*
- *One device to install...reduces installation charges*
- *Easier to install than differential pressure switches...no tubing needed*
- *Removable mounting bracket for installation flexibility*
- *Bracket on H930, H940, and H950 can be installed in three different configurations...added flexibility*
- *5-year warranty*

SPECIFICATIONS

5 Year Warranty

Sensor Power	Induced from monitored conductor
Insulation Class	600VAC RMS
Temperature Range	-15° to 60°C (5° to 140°F)
Humidity Range	10-90% RH non-condensing
Frequency	50/60 Hz
Terminal Block Wire Size	24-14 AWG (0.2 to 2.1 mm^2)
Terminal Block Torque	3.5 to 4.4 in-lbs (0.4 to 0.5 N-m)
Agency Approvals	UL 508 open device listing, CAT III, pollution degree 2, basic insulation

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

RELAY CONTACT RATINGS

Hx30, Hx50 (SPST, N.O.)
Resistive.....10A@250VAC, 30VDC
Inductive.....5A@250VAC, 30VDC
Hx40 (SPDT)
Resistive..... 8A@250VAC, 30VDC
Inductive..... 3.5A@250VAC, 30VDC

TYPICAL COIL PERFORMANCE

Voltage	AC	DC
24V	10mA	10mA
12V (H750)		20mA

Pull In Voltage
Hx30 ..... 20.1VDC
Hx40 ..... 20.1VDC
Hx50 ..... 8.4VDC
Drop Out Voltage
Hx30 ..... 5.2VDC
Hx40 ..... 5.2VDC
Hx50 ..... 3.0VDC

DESCRIPTION

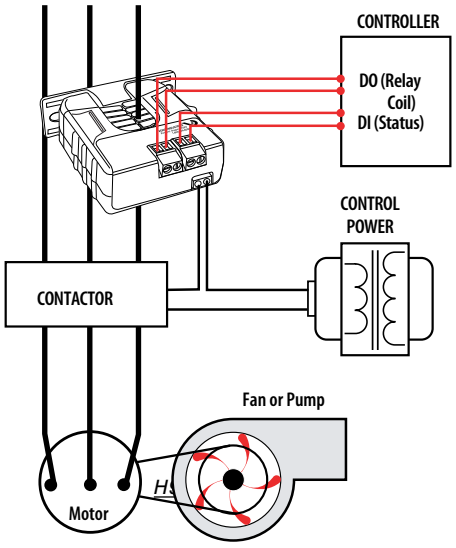
The Hawkeye Relay Combination Series combines an on/off status sensor and command relay in one package, saving the labor, wire runs, and space required to mount a separate relay. The switch and relay (not electrically connected) are in the same housing, saving space and cost. It is ideal for monitoring and controlling motors where belt loss is not a concern.

APPLICATIONS

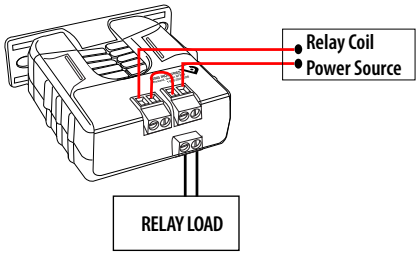
- *Monitoring direct drive units, exhaust fans, and other fixed loads*
- *Monitoring on/off status of electrical loads*
- *Starting/stopping motors*

WIRING DIAGRAMS

Start/Stop Monitoring of Fan /Pump Motors

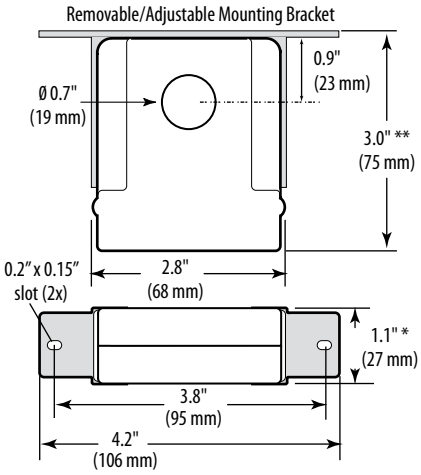


Relay Controlled Directly by Status Contacts

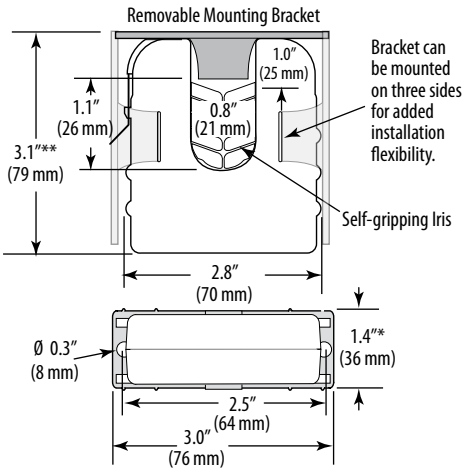


DIMENSIONAL DRAWINGS

H730/740/750



H903/940/950



** Terminal block may extend up to 1/8" over the height dimensions shown.*

ORDERING INFORMATION

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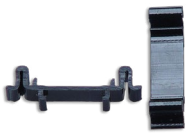
MODEL	AMPERAGE RANGE	STATUS OUTPUT (max.)	TRIP POINT	RELAY	RELAY COIL	HOUSING	RELAY POWER LED	UL
H730	0.5 - 200A	N.O. 1.0A@30VAC/DC	0.5A or less	SPST, N.O.	24VAC/DC	Solid-core	●	●
H740	0.5 - 200A		0.5A or less	SPDT	24VAC/DC	Solid-core	●	●
H750	0.5 - 200A		0.5A or less	SPST, N.O.	12VDC nom.	Solid-core	●	●
H930	1.5 - 200A		1.5A or less	SPST, N.O.	24VAC/DC	Split-core	●	●
H940	1.5 - 200A		1.5A or less	SPDT	24VAC/DC	Split-core	●	●
H950	1.5 - 200A		1.5A or less	SPST, N.O.	12VDC nom.	Split-core	●	●

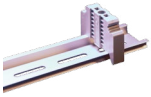
ACCESSORIES

DIN Rail Clip Set (AH01)
DIN Rail (AV01) and DIN Stop Clip (AV02)



AH01

AV01



AV02