



Hx00 Series



SPECIFICATIONS

Sensor Power	N.O models: Induced from monitored current; H800NC: 5 to 30 Vdc, permanently connected
Insulation Class	600 Vac RMS (UL), 300VAC RMS (CE1)
Frequency Range	50/60 Hz, On/Off status for Variable Frequency Drive (VFD) outputs at 12 to 115 Hz (a)
Temperature Range	-15 to 60 °C (5 to 140 °F)
H800NC, H300, H900	-15 to 40 °C (5 to 104 °F) (to 200 A);
H600	-15 to 60 °C (5 to 140 °F) (to 150 A)
H800, H800HV	-40 to 50 °C (-40 to 122 °F) (to 200 A);
	-40 to 75 °C (-40 to 167 °F) (to 100 A, and 0.25 A status output)
Humidity Range	10 to 90% RH non-condensing
Off State Leakage (H800NC Only)	34 µA @ 5 Vdc, 200 µA @ 30 Vdc
On State Voltage Drop (H800NC Only)	1.9 Vdc (max.) @ 0.1 A
Terminal Block Wire Size	
H600, H800, H900	24 to 14 AWG (0.2 to 2.1 mm ²);
H300	22 to 16 AWG (0.3 to 1.3 mm ²)
Terminal Block Torque	
H600, H800, H900	3.5 to 4.4 in.-lbs (0.4 to 0.5 N-m);
H300	7 in.-lbs (0.8 N-m)
Agency Approvals	UL 508 open device listing; CE: EN61010-1, CAT III, pollution degree 2, basic insulation
Limited Warranty	5 years

1. The CE mark indicates RoHS2 compliance. Please refer to the CE Declaration of Conformity for additional details.

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

(a) VFD systems generate fields that can disrupt electrical devices. Ensure that these fields are minimized and are not affecting the sensor.

SPLIT-CORE & SOLID-CORE ON/OFF STATUS CURRENT SWITCHES

DESCRIPTION

Hawkeye x00 on/off current switches provide a cost-effective solution for monitoring status on unit vents, exhaust fans, recirculation pumps, and other fixed loads where belt loss is not a concern.

Veris has applied new technology to the H300, H600, and H800 models to achieve impressive improvement in turn-on levels. The Hawkeye H300 and H600 have the lowest turn-on current in the industry at a mere 0.15 A!

APPLICATIONS

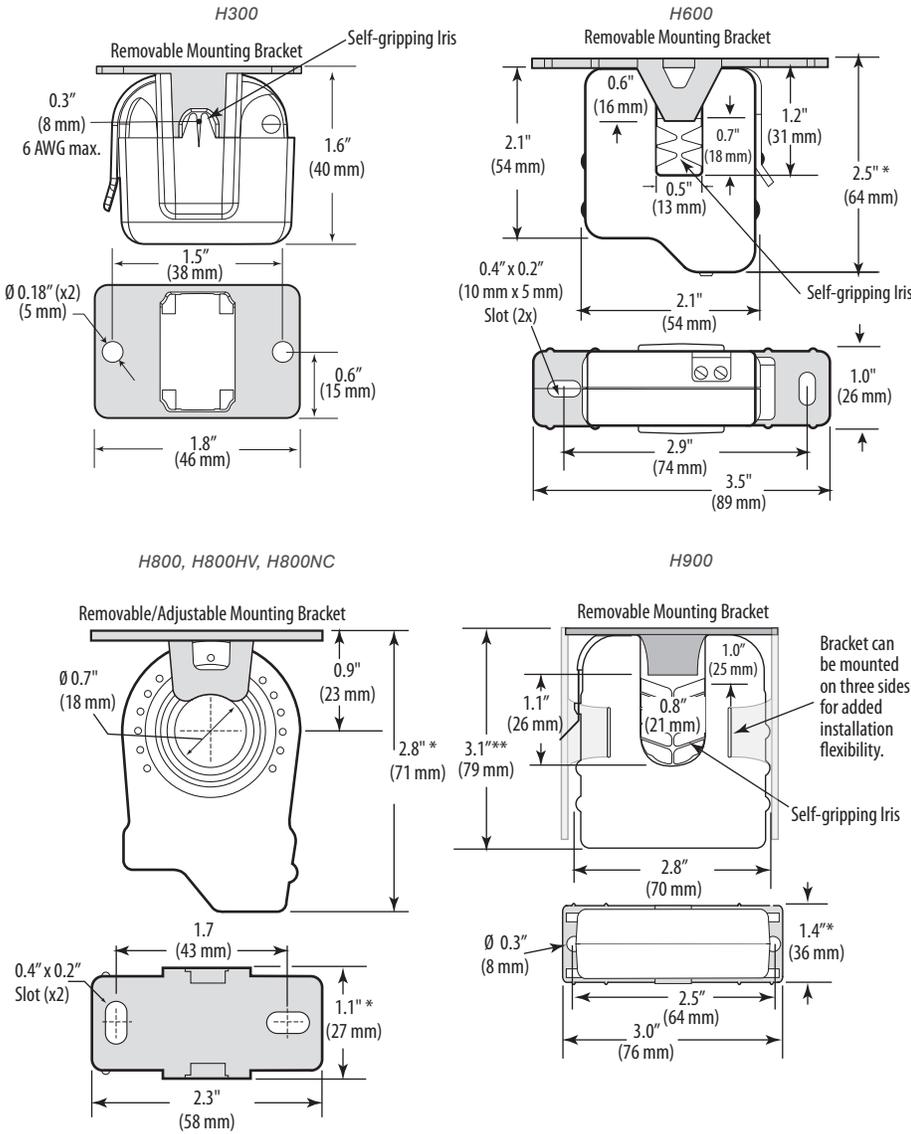
- Monitoring status of electrical loads
- Monitoring direct-drive units, exhaust fans, process motors, and other fixed loads
- Verifying lighting run times and lighting status
- VFD output On/Off status
- Direct-Drive units, unit vents, fan coil units, exhaust fans, and other fixed loads

FEATURES

- More reliable for status than relays across auxiliary contacts
- Ideal for direct-drive units, unit vents, fan coil units, exhaust fans, and other fixed loads
- Low 0.15 A turn-on (H300 and H600)...ideal for small exhaust fans (not intended to detect belt loss)
- Removable mounting bracket provides installation flexibility
- Bracket on H900 can be installed in three different configurations... installer convenience
- Split-core H300, H600, and H900 for fast retrofit installation
- Mini solid-core H800 and micro split-core H300 fit in tight enclosures... saves valuable panel space
- 100% solid-state, no moving parts to fail
- Polarity insensitive output (except H800NC)
- 5-year warranty

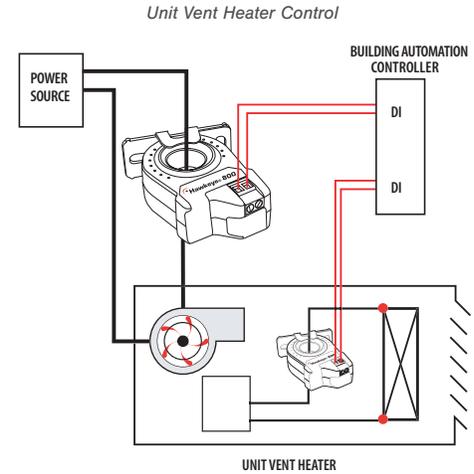


DIMENSIONAL DRAWINGS



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

WIRING DIAGRAM



ORDERING INFORMATION



MODEL	AMPERAGE RANGE @ 50/60 HZ ONLY	STATUS OUTPUT (MAX.)	TRIP POINT	HOUSING	UL	CE	LEAD FREE
H300	0.15 to 60 A	N.O. 1.0 A @ 30 Vac/dc	0.15 A or less	Split-core	2	●	
H600	0.15 to 200 A	N.O. 1.0 A @ 30 Vac/dc	0.15 A or less	Split-core	1	●	
H800	0.25 to 200 A	N.O. 1.0 A @ 30 Vac/dc	0.25 A or less	Solid-core	1	●	
H800NC	0.5 to 200 A	N.C. 0.1 A @ 30 Vdc	0.5 A or less	Solid-core	1		●
H800HV	0.75 to 200 A	N.O. 0.5 A @ 250 Vac/dc	0.75 A or less	Solid-core	3		
H900	1.5 to 200 A	N.O. 1.0 A @ 30 Vac/dc	1.5 A or less	Split-core	●	●	

1. Listed for use on 75°C insulated conductors.
2. Product provides functional insulation only.
3. Listed for use on 90°C insulated conductors.

ACCESSORIES

DIN Rail Clip Set
(AH01 for H6xx, H8xx, H9xx; AH27 for H3xx)
DIN Rail (AV01) and DIN Stop Clip (AV02)

