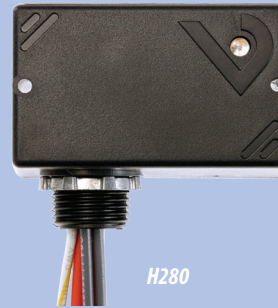


Load Status Switch



Provides Status For Manually Switched Loads



H280

DESCRIPTION

The H280 load status switch monitors both voltage and current on manually-switched loads (e.g., lights/fans in bathrooms). This device provides status monitoring for loads that are not, or cannot be, controlled by a control system. The H280 also saves cost by eliminating the need to connect a digital output to prove status.

APPLICATIONS

- Lighting
- Bathroom Fans
- Sump Pumps
- Traffic Lights
- Roadside Lighted Areas (e.g., bus stations)
- Parking Lots/Garages

FEATURES

- Wide voltage range (110-277VAC)...easy to use in many applications
- Low current threshold (100mA) offers great sensitivity for those small loads
- Nipple mount housing can be connected to any 1/2" conduit knockout for installation versatility
- Dual-color LED for easy visual inspection...control system is not required
- Isolated status output protects control system

SPECIFICATIONS



Sensor Power	Line powered
Operating Temperature	-15° to 60°C (5° to 140°F)
Operating Humidity	10-90% RH noncondensing
LED Status	GREEN LED=status normal; RED LED=status alarm
Frequency	50/60 Hz

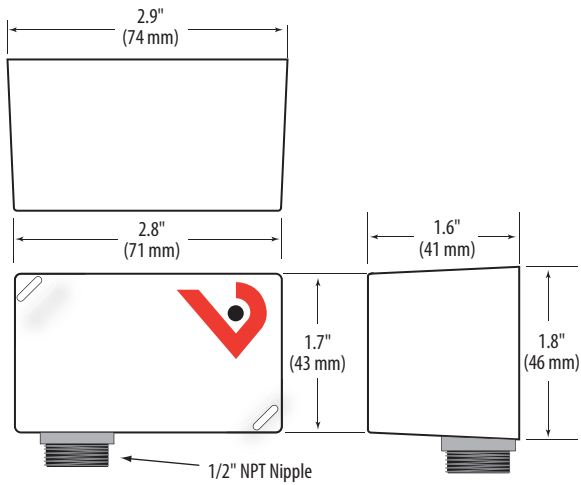
Wire Specifications:

Lead Length	14" (356 mm) min.
Gauge	UL1015; Neutral: 18 AWG; Line: 12 AWG; Status: 16 AWG

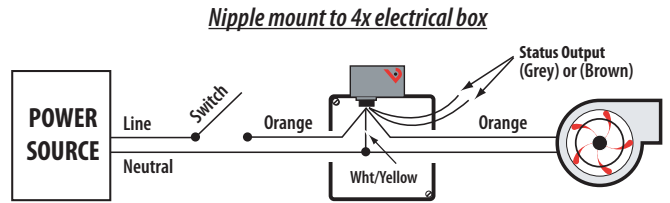
UL 508 closed device listing

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

DIMENSIONAL DRAWING



APPLICATION/WIRING DIAGRAM



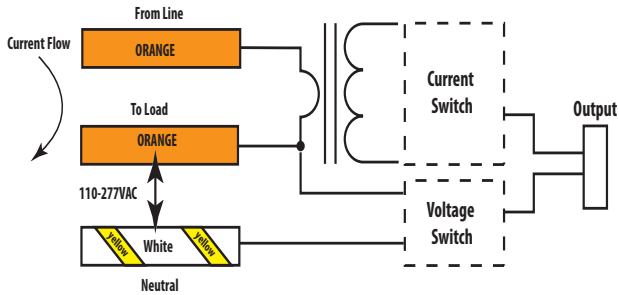
NOTE: Incidental loads as small as 30mA AC, such as pilot lamps or control circuits, connected in parallel to the sensed load may draw enough current to give a false load presence signal, even though the true load has been interrupted.

HOW IT WORKS

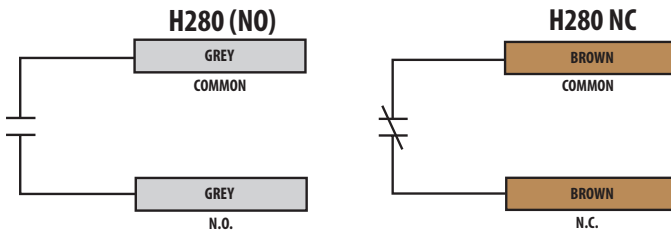
VOLTAGE	CURRENT	STATUS OUTPUT		
		H280	H280NC	LED
ON	ON	OPEN	CLOSED	GREEN
ON	OFF	CLOSED	OPEN	RED
OFF	OFF	OPEN	CLOSED	OFF

WIRE COLOR CODES

Line Connections



Status Outputs



ORDERING INFORMATION



MODEL	AMPERAGE RANGE	VOLTAGE RANGE	STATUS OUTPUT (max.)	TRIP POINT	HOUSING	STATUS LED	RELAY POWER LED	UL
H280	0.1 - 20A	110 - 277VAC	N.O. 100mA@120VAC/DC	0.1A or less	Nipple Mount	●	●	●
H280NC			N.C. 100mA@120VAC/DC			●	●	●