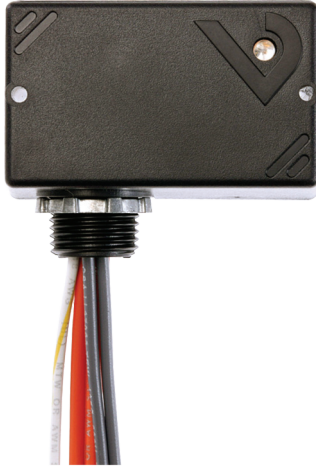


H280, H280NC **Hawkeye™ 280, 280NC** Load Status Switch



Installer's Specifications

Sensor Power	Line powered
Operating Temperature	-15° to 60°C (5° to 140°F)
Operating Humidity	10-90% RH, non-condensing
LED Status	GREEN LED=status normal; RED LED=status alarm
Frequency	50/60 Hz
Wire Specifications:	
Lead Length	14"(356mm) min.
Gauge	UL1015; Neutral: 18AWG; Line: 12AWG; Status: 16AWG
Agency Approvals	UL 508, E150462

INSTALLATION

Disconnect and lock out all power sources before beginning the installation.

- Using the threaded nipple, connect the switch to the desired enclosure through a knock out hole.
- Secure with the conduit nut provided.
- Connect load in series:
 - Choose one orange wire and connect to load side of switch.
 - Choose the other orange wire and connect to load.
- Connect status output:
 - Connect the grey wires (or brown wires for H280NC) to controller digital input. Not polarity sensitive.
- Secure the enclosure and reconnect power.

Wires that are not terminated must be isolated or insulated, i.e. wire nut.

DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

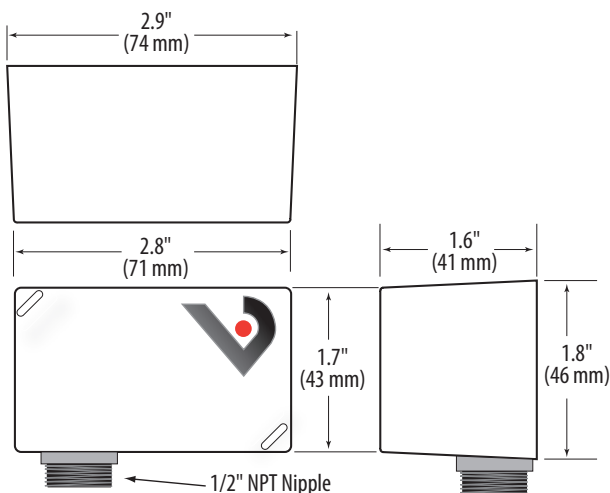
- Follow safe electrical work practices. See NFPA 70E in the USA, or applicable local codes.
- This equipment must only be installed and serviced by qualified electrical personnel.
- Read, understand and follow the instructions before installing this product.
- Turn off all power supplying equipment before working on or inside the equipment.
- Use a properly rated voltage sensing device to confirm power is off.
DO NOT DEPEND ON THIS PRODUCT FOR VOLTAGE INDICATION

Failure to follow these instructions will result in death or serious injury.

NOTICE

- This product is not intended for life or safety applications.
- Do not install this product in hazardous or classified locations.
- The installer is responsible for conformance to all applicable codes.
- Mount this product inside a suitable fire and electrical enclosure.

DIMENSIONS

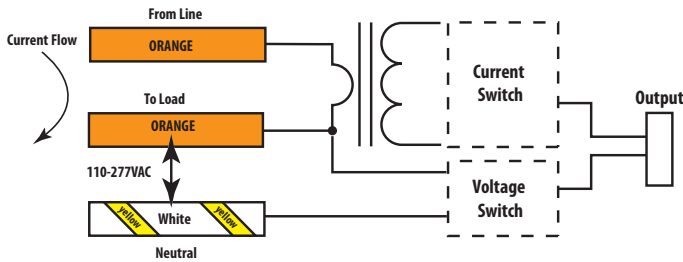


OPERATION

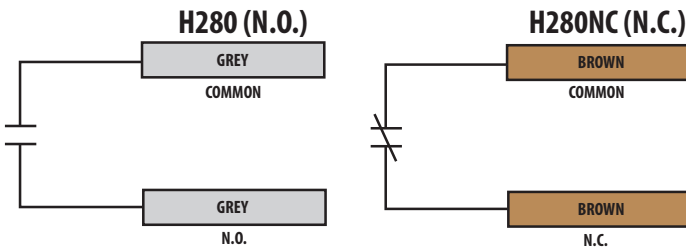
The H280 and H280NC load status switches monitor both voltage and current on manually switched loads (e.g., lights/fans in bathrooms). This device provides status monitoring for loads that are not, or cannot be, controlled by a building control system. The H280 has a normally open (N.O.) output switch, while the H280NC is normally closed (N.C.). Dual colored LEDs provide easy indication of output, with green for normal output and red for alarm status. The H280 and H280NC require no external power to generate the output.

WIRING COLOR CODES

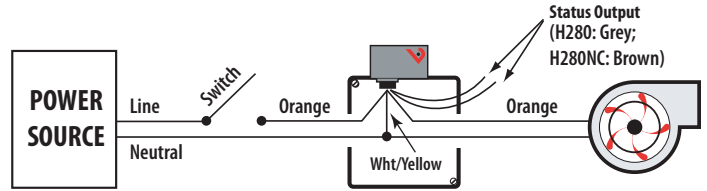
Line Connections



Status Output Connections



WIRING EXAMPLE



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

STATUS OUTPUT

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