



FAN CONTROLS

Current Sensing Switch

P/N 28 865

PRODUCT
SPECIFICATIONS
& TECHNICAL
DATA



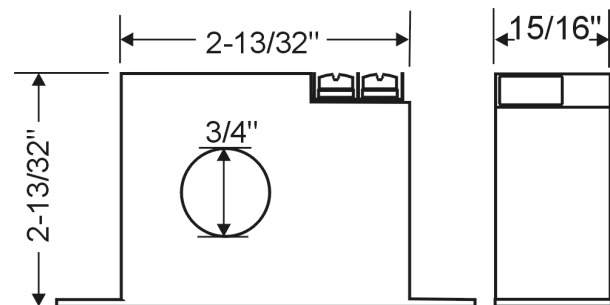
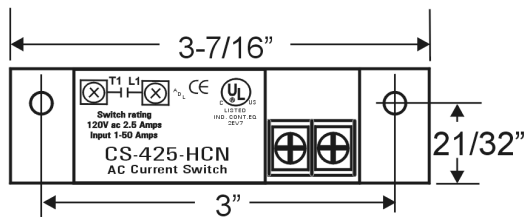
DESCRIPTION

The Current Sensing Switch senses when a clothes-drying device is drawing between 1 and 50 Amps of current. When this occurs, a relay contact closes, turning on the fan. When current drops below the threshold, the relay contacts open, turning off the fan. The sensor is rated to control a load of 2.5 Amps at 115 V. For higher amperage loads, a general-purpose relay may be used to control the load.

The control is designed to mount in a standard electrical box. The current transformer may be placed in an electrical box adjacent to the junction box with the wires supplying power to the device. The device supply neutral (white) wire passes through the center of the current relay donut. No other physical connection needs to be made.

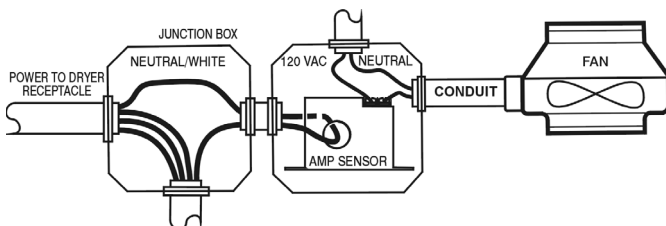
NOTE: Installation by a licensed electrician is recommended. Installation and use of this equipment must be in accordance with provisions of the national electrical code. Applicable local codes and pertinent industry standards should be verified before installation.

Dimensions



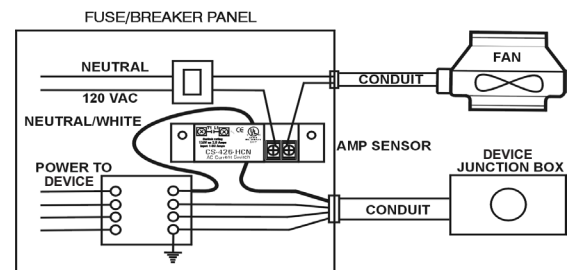
INSTALLATION TYPE 1 (AT DEVICE JUNCTION BOX)

1. Attach electrical junction box to the device junction box.
2. Disconnect and loop neutral (white) device power supply wire through center of sensor then back to the device junction box and reconnect.
3. Mount sensor in the electrical box (two holes may have to be drilled for mounting).
4. Connect fan 120V AC power supply to the top (relay) terminals of the sensor.



INSTALLATION TYPE 2 (AT FUSE/BREAKER PANEL)

1. Mount sensor at a convenient location on the fuse/breaker panel.
2. Disconnect and loop neutral (white) device power supply wire through center of sensor then reconnect
3. Connect fan 120V AC power supply to the top (relay) terminals of the sensor.



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