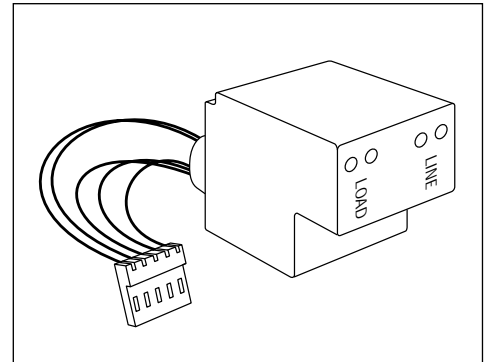




H2R Low Voltage Relays

- ◆ 20 Amp rated for all lighting loads
- ◆ Single pole, SPST power contacts
- ◆ Magnetically latching
- ◆ Quick connector for low voltage connection
- ◆ 1/2" knockout mounting
- ◆ Accepts wire gauge #10 - #14 AWG
- ◆ Operating voltage 18-30 VAC half-wave
- ◆ Isolated pilot contacts, 1 Amp @ 30 VAC/DC (H2R9P model)
- ◆ Manufacturer rating 200,000 cycles full load
- ◆ Size 1.75" x 1.45" x 2.53" (44.5mm x 36.8mm x 64.3mm)
- ◆ UL and CUL listed, one year warranty



Component Information

This low voltage magnetically latching relay is used for control of lighting and other electrical loads in The Watt Stopper's Smartwired, Complete, and ACP lighting control panels. Momentary, low voltage signals from the panel switch the relay on and off.

Features

The H2R relays feature dual contacts to extend cycle life. The relays are rated up to 20 Amps for ballast, tungsten, and resistive loads. They are compatible with all HID and electronic ballast loads. Relay low voltage wires have a quick connect plug end making connection to the panel interior fast and easy. All line and load wiring is terminated to backwiring holes using clamping screw terminals. Two holes for each terminal are provided for easy feed-through wiring. The H2R9P version of the relay includes a SPST isolated pilot contact for status feedback and monitoring of the relay position.

Applications

The Watt Stopper's lighting control panels use H2R relays for reliable control of lighting and other electrical loads. Normally, users specify the number of relays (in multiples of four), which are pre-installed, pre-wired and pre-tested in the panels for ready use. They may also be easily added to existing lighting control panels, providing a simple way to expand existing control.

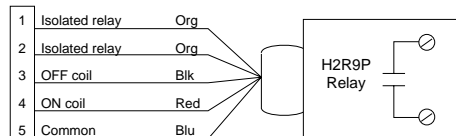
Ratings

- ◆ Ballast load 20 Amp @ 277 VAC (magnetic, electronic, HID ballasts)
- ◆ Tungsten load 20 Amp @ 125 VAC
- ◆ Resistive load 20 Amp @ 277 VAC
- ◆ Motor load 1 HP @ 125 VAC

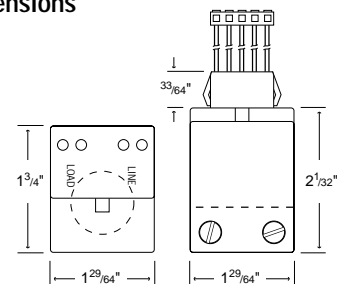
Ordering Information

Catalog No.	Description	Control Wires
H2R7P	Standard relay	3 control wires
H2R9P	Isolated pilot contact relay	5 control wires

Wiring Diagram



Dimensions



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