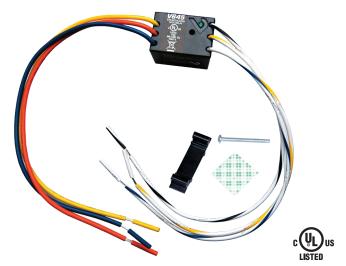


## V645



# **⚠ DANGER**

#### HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

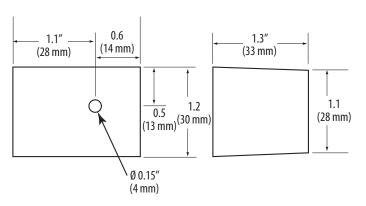
- Follow safe electrical work practices. See NFPA 70E in the USA, or applicable local codes
- This equipment must only be installed and serviced by qualified electrical personnel.
- Read, understand and follow the instructions before installing this product.
- Turn off all power supplying equipment before 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**



## V645

### 10A SPDT Mini Command Relay

#### Installer's Specifications

-0°C to 60°C (-32° to 140°F)
10-90% non condensing
Electrical (at rated current): 100,000 cycles
Mechanical (unpowered): 10,000,000 cycles
LED ON=energized
277 VAC RMS
10" (254mm) min.
UL1015; Coil: 18AWG; Contacts: 16AWG
UL508 enclosed device listing, pollution degree 2

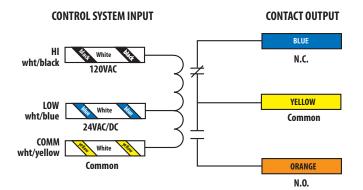
#### INSTALLATION

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

- 1. Mount the unit using the DIN rail clip or the screw.
- 2. Connect coil:
  - Choose the coil common lead (white with yellow stripe) and connect it to the common (-) source termination point.
  - Choose either the low voltage (24-30 VAC/DC, white with blue stripe) or high voltage (120 VAC, white with black stripe) lead, depending on the application requirements, and connect it to the (+) source termination point.\*
- 3. Connect relay contacts:
  - Choose the relay common wire (yellow) and connect to the switched load.
  - Choose the relay N.O. (orange) or N.C. (blue) lead\* and connect to the switched load.
- 4. Secure the enclosure and reconnect power.
- \* Isolate or insulate all non-terminated wires according to local electrical code requirements, i.e. wire nut.



#### **WIRING COLOR CODES**



# CONTACT AND COIL SPECIFICATIONS

Voltage	Coil Cu	ırrent
	AC	DC
24-30V	32mA	13mA
120V	17mA	

CONTACT RATINGS		
10A@250VAC, N.O.		
7A@250VAC, N.C.		
6A@277VAC		
7A@30VDC		
125VAC, 1/4 HP, N.O.		

#### **WIRING EXAMPLE**

