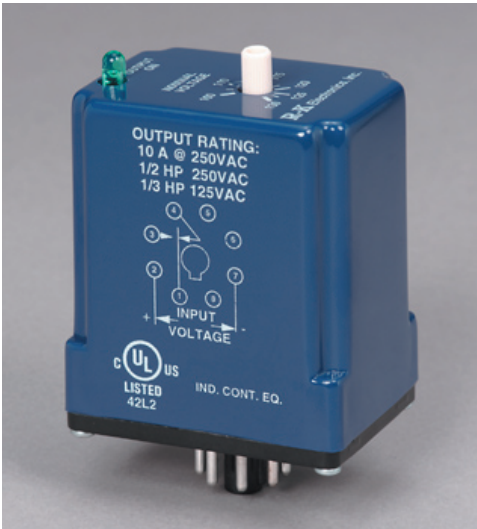


# SVM-A6857

## Single Phase Voltage Relay



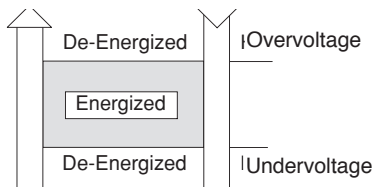
- Adjustable Overvoltage
- Adjustable Undervoltage
- Window Operation
- 10 Amp Contacts
- Plug-In Package
- Indicating LED



### Operation

#### Nominal Voltage Monitor

The SVM-A6857 monitors single phase AC voltage and operates a dry set of contacts. When the voltage being monitored is between the independently adjustable upper and lower set points, the output relay and indicating LED are energized. If the voltage goes higher than the overvoltage set point or lower than the undervoltage set point, the output relay will be de-energized and the LED will go out. A time delay avoids the effects of quick variations in the voltage.



### Specifications

#### Electrical

**Nominal Voltage:** 50/60 Hz

120VAC - Under Adj. 90 to 110VAC  
Over Adj. 112 to 140VAC

240VAC - Under Adj. 180 to 220VAC  
Over Adj. 225 to 280VAC

**Hysteresis:** 2%

**Pick-up & Drop-out Delays:**  
0.5 sec. fixed

**Power Consumption:** 1.5VA

**Output Rating @ 25°C:**

10 Amps @ 250VAC

1/2 HP @ 250VAC

1/3 HP @ 125VAC

10 Amps @ 30VDC

#### Physical

**Mounting:** Plug-In

**Termination:** 8 Pin Octal

**Packaging:** Dust Cover

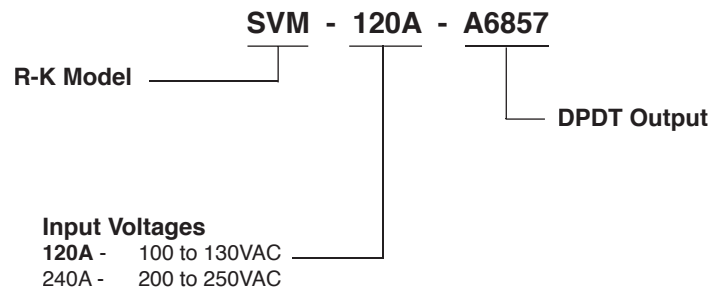
**Weight:** 9 Oz.

#### Ambient Temperatures

**Operating:** 0°C to 40°C

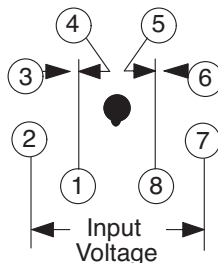
**Storage:** -40°C to 85°C

### Ordering Information



(Similar to the SVM-120A-79 but with DPDT output.)

### Connections



### Dimensions

