



Single Phase Voltage Relay

SVM-79

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

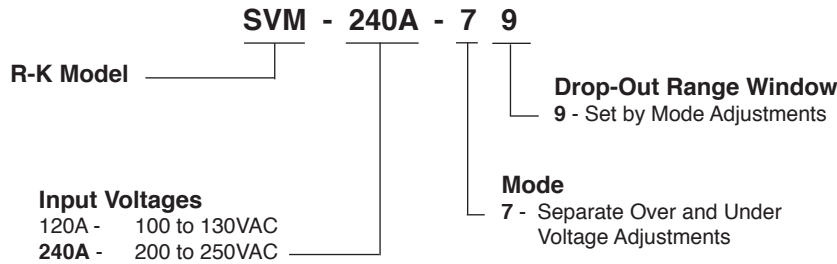
Mounting: Plug-In
Termination: 8 Pin Octal
Packaging: Dust Cover
Weight: 9 Oz.

Ambient Temperatures

Operating: 0°C to 40°C
Storage: -40°C to 85°C



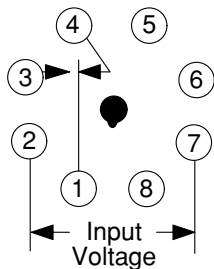
Ordering Information



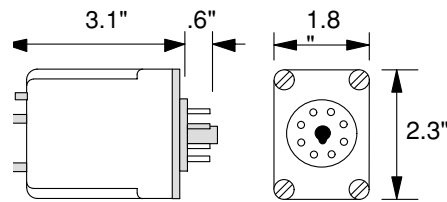
- Adjustable Overvoltage
- Adjustable Undervoltage
- Window Operation
- 10 Amp Contacts
- Plug-In Package
- Indicating LED



Connections



Dimensions



Operation

Nominal Voltage Monitor

The SVM-79 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.

