

SVM-A6857

Single Phase Voltage Relay



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

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:

10 Amps @ 125/250VAC
1/3 HP @ 250VAC
1/6 HP @ 125VAC
500,000 Full Load Electrical Cycles
50,000,000 Mechanical Cycles

Physical

Mounting: Plug-In

Termination: 8 Pin Octal

Packaging: Dust Cover

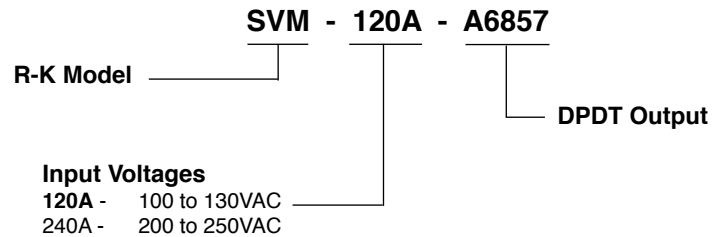
Weight: 9 Oz.

Ambient Temperatures

Operating: 0°C to 40°C

Storage: -40°C to 85°C

Ordering Information

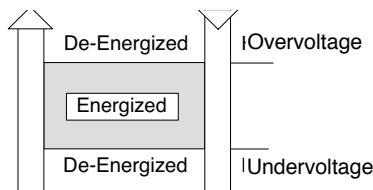


(Similar to the SVM-120A-79 but with DPDT output.)

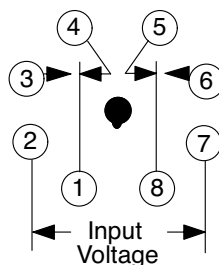
Operation

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.



Connections



Dimensions

