



Phase Reversal Relay

PRS/O/L

Specifications

Electrical

Line Voltage:

110VAC to 600VAC, 3Ø

Frequency: 50 to 400Hz

Line Voltage Ranges:

100 Series - 110VAC to 120VAC, 3Ø

200 Series - 208VAC to 240VAC, 3Ø

300 Series - 380VAC to 415VAC, 3Ø

400 Series - 440VAC to 480VAC, 3Ø

600 Series - 575VAC to 600VAC, 3Ø

Maximum Overtoltage:

10% of highest nominal voltage

Phase Rotation: A - B - C

Pick-Up Delay: 5 Sec. fixed

Drop-Out Delay: 5 Sec. fixed

Power Consumption: 16VA

Output Relay:

PRS - 7 Amps @ 240VAC

3 Amps @ 600VAC

PRSO/L- 7 Amps @ 120VAC

5 Amps @ 240VAC

100,000 Full Load Electrical Cycles

10,000,000 Mechanical Cycles

Physical

Mounting: Surface

Termination: Screw Terminals

Packaging: Dust Cover

Weight: 8 Oz. Approx.

Ambient Temperatures

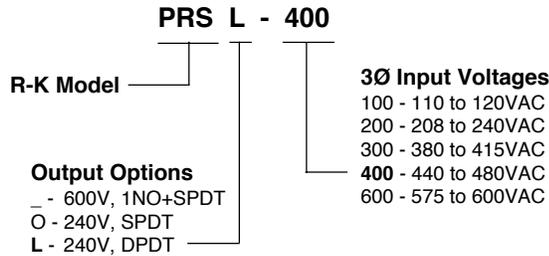
Operating: 0°C to 40°C

Storage: -10°C to 85°C



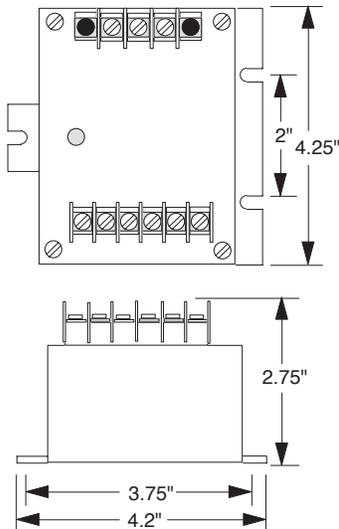
- 10 Amp Relay
- SPDT or DPDT
- Phase Rotation
- 50 to 400Hz
- Normal Condition LED
- Pick-Up and Drop-Out Delays

Ordering Information



DIN Rail Bracket #DRB-3

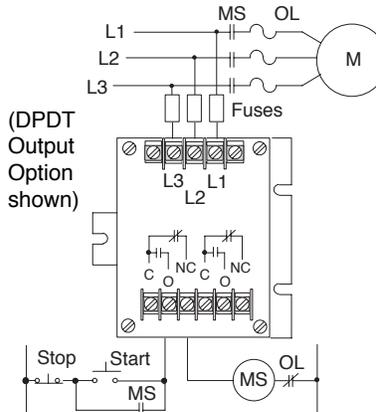
Dimensions



Connections

The PRSs should be connected to the line voltage on the load side of the last line fuse before the motor and on the line side of the starter (MS).

M = Motor MS = Motor Starter
OL = Overloads Fuses = ≤1 amp (opt.)



Operation

Phase Reversal Sensing

The PRS's output contacts energize when the phases are in the proper rotation. If the phase rotation of the incoming three phase lines is reversed, the internal relay will de-energize.

