



## PHASE PROTECTION RELAY PF-001



### ■ MAIN FEATURES

The PF-001 relay is designed to continuously monitor 3 phase power supplies and protect against—

- \* Phase failure
- \* Incorrect phase sequence (rotation)
- \* Symmetrical undervoltage
- \* Asymmetrical undervoltage

The internal relay remains energised and the LED is illuminated only when the power system is satisfactory for connection to 3 phase motors or other 3 phase equipment. The internal relay will also de-energise on asymmetrical undervoltages which often occur when a fuse goes open with a motor or transformer on line, providing that the "ghost" voltage does not exceed 75% of the nominal.

### ■ CHARACTERISTICS

Burden:	4 VA at nominal volts
Difference:	Approx. 2%
Contact rating (max):	5A 250V (non inductive)
Contact life:	10 <sup>6</sup> at full load rating
Temperature range:	0°C to 60°C
Dielectric:	AC 2000V one Min
Change over contacts:	1A1B or 2A2B
Fixing:	To standard 35mm DIN rail

### ■ ORDERING INFORMATION

1. Item No.
2. Nominal L-L volts and frequency
3. Single or double pole change-over contacts.

### ■ SPECIFICATION

Nominal Voltage	380V or 415V L-L, 50 or 60Hz
Max voltage	Nominal + 15%
Min voltage	Factory pre set to de-energise at 85% nominal

### ■ DIMENSIONS/mm

