OPERATING INSTRUCTIONS : OP INST 600VPR _ OP410-V01

OP410-V01

selec 600VPR
Operating Instructions



17.5mm

FEATURES

- Monitoring 3 phase 3 wire input
- Detects phase loss
- Detects phase sequence
- Din Rail mounting

SPECIFICATIONS

SUPPLY VOLTAGE
415V AC(L-L), 3 Ø - 3 wire
OPERATING RANGE
310-520V AC (L-L)
RATED FREQUENCY
45-65Hz
VA RATING
22VA
RESET
Auto Reset on removal of fault condition
TRIP MODE
Phase Sequence Reverse,
Phase Missing,
Under Voltage : -2.5 to -25% of 415V AC
Over Voltage : +2.5 to +25% of 415V AC
TRIP ACCURACY
± 1% of full scale
TIME RANGES
Response Time Max. : <200msec
Recovery Time : <300msec
Power On Delay : 400msec
Trip Time Delay : 0.2 - 10sec

HYSTERISIS
2V
OUTPUT SPECIFICATION
Output Contact : SPDT (1C/O)
Contact Rating : NO/5A, NC/3A @ 250V AC
ENVIRONMENTAL SPECIFICATIONS
Temperature : Operating : 0°C to 50°C
Storage : -20°C to 75°C
Humidity : Up to 95% RH
MECHANICAL SPECIFICATIONS
Mounting : Din rail mounting
Dimension : 17.5 x 90 x 60mm
Housing : Flame Retardant Plastic
Protection Level
IP 20 for Terminal
WEIGHT
62gms
CERTIFICATION
CE

SAFETY SUMMARY

All safety related codifications, symbols and instructions that appear in this operating manual or on the equipment must be strictly followed to ensure the safety of the operating personnel as well as the instrument.

If the equipments is not handled in a manner specified by the manufacturer it might impair the protection provided by the equipment.

⚠ **CAUTION :** Read complete instructions prior to installation and operation of the unit.

WIRING GUIDELINES

⚠ **CAUTION**

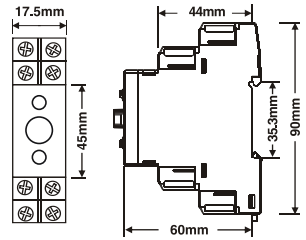
1. To prevent the risk of electric shock power supply to the equipment must be kept OFF while doing the wiring arrangement.
2. Wiring shall be done strictly according to the terminal layout. Confirm that all connections are correct.

⚠ **CAUTION**
To ensure the safe operation of unit, check the wiring and connections.

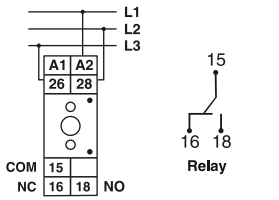
MAINTENANCE

1. The equipment should be cleaned regularly to avoid blockage of ventilating parts.
2. Clean the equipment with a clean soft cloth. Do not use isopropyl alcohol or any other cleaning agent.

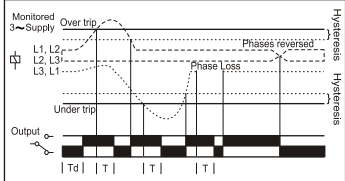
MECHANICAL INSTALLATION



TERMINAL CONNECTIONS



TIMING DIAGRAM



Td = power On Delay ; T = Trip Time Delay

LED INDICATION CHART

Parameter	Green LED	Fail Safe Relay
Nominal Condition	ON	Energised
Phase reverse / Phase fail	OFF	De-energised
Under / Over Voltage	OFF	De-energised

(Specifications subject to change as development is a continuous process.)

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