

# TRIP-CONNECT SERIES

## Trip-connect 3P

The Trip-Connect 3P is an advanced, 3 phase, programmable, line protection system that offers an extensive range of customisation via a wide selection of programmable quantities.

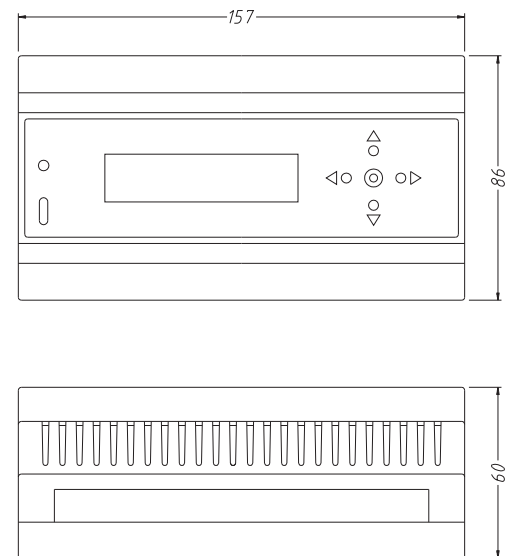
### Features:

- Event Logger
- Calibration facility
- Fully Programmable
- LED status indicator
- Independent or combined contactor control
- Real time clock and calendar
- Performs Cycle-by-Cycle RMS measurement on all input channels namely:
  - 3 phase voltage inputs.
  - 3 phase current input.
  - Earth leakage current input.
- In addition to the line monitor, the Trip-Connect 3P is provided with external temperature monitor.
- All measured quantities can be displayed on a 2X16 alphanumeric LCD with back illumination.
- Provides protection against:
  - Over voltage
  - Under voltage
  - Over current
  - Over temperature.
- Equipped with 4 potential free relay outputs, one per phase and a general fault relay.
- Bypass switch
- Easy to use, self-explanatory, menu system enables quick setup and calibration of all parameters.
- Event logger - logs up to 100 events.
- The Trip-Connect 3P is based on AVR technology.
- Enclosed in a 155mm standard din rail mount enclosure.
- All the connections are done via a pluggable terminal system

12-00409



### Dimensions



### Specifications

Phase	Three	
Low voltage trip	Each Phase Programmable	180V - 210V (180V)
Low voltage connect	Each Phase Programmable	190V - 220V (190V)
Nominal voltage	230V	
High voltage trip	Each Phase Programmable	240V - 260V (260V)
High voltage connect	Each Phase Programmable	230V - 250V (250V)
High current trip	Each Phase Programmable	1A - 300A (20A)
Earth leakage current trip	Programmable	10mA - 50mA (25mA)
Temperature trip	Programmable	50°C - 80°C (60°C)
Temperature connect	Programmable	20°C - 70°C (50°C)
Current transformer ratio	Programmable	1 - 5000 (50)
Load resistor value	Programmable	0.1 Ohm - 50 Ohm (1 Ohm)
Connect delay	Programmable	2sec - 2min (5sec)
Fault time-out	Programmable	1min - 1hr (2min)
Maximum reconnects	Programmable	1 - 100 (10)
Date and time	Programmable	

### Designed and Manufactured by:

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