

FEATURES

- 3Ø - 3 Wire, 3Ø - 4 Wire, 1Ø - 2 Wire Input
- Monitors Under current, Over current and Current asymmetry
- True RMS measurement
- Power ON delay, Trip time delay and Recovery time delay
- Adjustable switching hysteresis
- One alarm relay with NC or NO operation selectable
- LCD with backlight
- DIN Rail Mount
- Size: 35mm (Width)



CAT. NO.

900CPR-3-1-BL

| | |
|------------------------------------|--|
| Display | |
| Display Type | Liquid Crystal Display with backlight |
| Digits | 1 row of 3 digits |
| Resolution | Current: 0.01 / 0.1 / 1A / 0.01kA |
| LED Indication | LED 1: Power On, LED 2: Relay |
| Supply Specification | |
| Input Voltage | 230 V AC +/- 15% (45-65Hz) / 110 V AC +/- 15% (45-65Hz) |
| Input Specification | |
| Input Measurement | Current Transformer-Under Current / Over Current / Current Asymmetry |
| CT Setting | CT: Primary 1A/5A - 999A / CT secondary 1A/5A (Selectable) |
| Trip Setting | Under Current: 0-999A / Over Current: 0.5-1.19kA / Current Asymmetry: 5.0 - 99.9% |
| Current Rating | Measuring Range (RMS Value) 0-1.19kA |
| Output Specification | |
| Main Output | SPDT - 1 C/O - NO: 5A, 250 V AC and NC:3A, 250 V AC |
| Functional Specification | |
| Trip Time Settings | Power ON Delay: 0.5-99.9 sec / Trip Time Delay: 0-99.9 sec / Recovery Time Delay: 0-99.9 sec / Response Time: <200ms |
| Alarm Indications | Trip |
| Hysteresis | Current: 0.1-99.9A |
| Latching | Selectable |
| Reset | Auto/Manual (Selectable) |
| Power Consumption | 12VA max |
| Electrical Connection | 1Ø-2 wire, 3Ø-3 wire, 3Ø- 4 wire |
| Accuracy | |
| Current | +/- 1% of setting, +/- 2 digits |
| Time Setting | +/- 5% of setting, +/- 200ms |
| Environmental Specification | |
| Operating Temperature | 0 to 50°C (32 to 122°F) |
| Storage Temperature | -20 to 70°C (-4 to 158°F) |
| Humidity (Non-Condensing) | 95% Relative Humidity |
| Weight | 146 grams (.32 lbs) |
| Protection Level | IP50 (for faceplate), IP30 (for housing), IP20 (for terminals) |

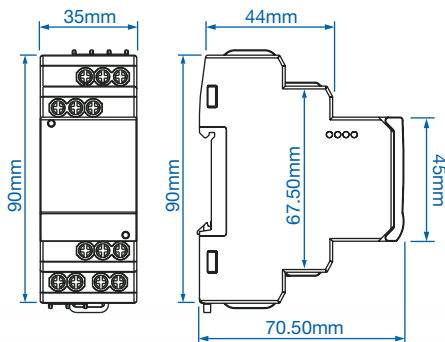
Ordering Information

| Part No. | Supply Voltage | CE | RoHS | cUL US |
|-----------------------|----------------|----|------|--------|
| 900CPR-3-1-BL-230V-CE | 230V AC | ● | ● | |
| 900CPR-3-1-BL-110V-CE | 110V AC | ● | ● | |

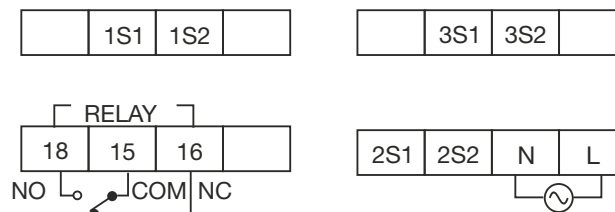
Used with SPCT

See page 12.

DIMENSIONS



TERMINAL CONNECTIONS



! See pages 42-43 for timing diagrams.

PROTECTION