

FEATURES

- 1Ø - 2 Wire, 3Ø - 3 Wire, 3Ø - 4 Wire Input
- Current leakage / ground fault monitoring, 10mA - 30A
- True RMS measurement
- CBCT connection monitoring
- Power ON delay, Trip time delay and Recovery time delay
- Adjustable switching hysteresis
- Two separate alarm relays with NO or NC operation selectable
- Test and Reset buttons via front / remote
- LCD with backlight
- DIN Rail Mount
- Size: 35mm (Width)



CAT. NO.

900ELR-2

Display	
Display Type	Liquid Crystal Display with backlight
Digits	1 row of 3 digits
Resolution	Current: 0.1mA / 1mA / 0.01A, 0.1A
LED Indication	LED 1: Alarm, LED 2: Pre-Alarm
Supply Specification	
Input Voltage	110/230 V AC (45-65Hz)
Input specification	
Input Measurement	Current Leakage (Via CBCT)
Trip Setting	Leakage Current: 10mA-30A / Pre-Alarm: 50-100% of Leakage Current Setting
Current Rating	Measuring Range (RMS Value) 10mA - 30A, 45-65Hz
Output Specification	
Main Output	SPDT -2 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: <30ms (if trip current 5x set value) / <50ms (if trip current 1x set value)
Alarm Indications	Pre-warning alarm, Trip, CBCT error
Hysteresis	5-40% of set value
Latching	Selectable
Reset	Auto/Manual (Selectable)
Power Consumption	3VA max
Electrical Connection	1Ø-2 wire / 3Ø-3 wire / 3Ø- 4 wire
Accuracy	
Current	+/-5% of setting
Power Delay	+/-5% of setting + 100ms
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	217 grams(.48 lbs)
Protection Level	IP50 (for faceplate), IP30 (for housing), IP20 (for terminals)

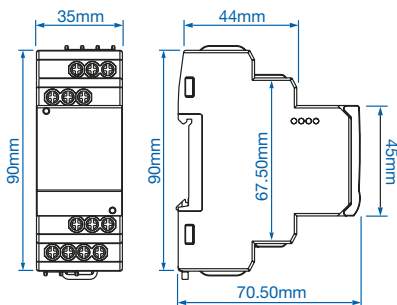
Ordering Information

Part No.	Supply Voltage	CE	RoHS	UL US
900ELR-2-230V-CE	230V AC	●	●	
900ELR-2-110V	110V AC			

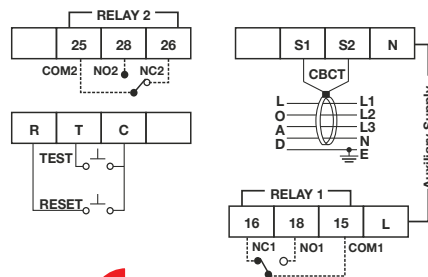
Used with CBCT

See page 14.

DIMENSIONS



TERMINAL CONNECTIONS



See pages 42-43 for timing diagrams.

PROTECTION