

WHAT IS IT?

- Electronic breaker with vacuum contactor
- Provides arc flash protection versus conventional molded case breakers
- Operators only exposed to 5 volts instead of full load like molded breakers
- 10 to 550 Amps FLC and up to 16X Magnetic
- Vacuum contactors rated for 1 million trips instead of just one phase-to-phase fault
- History of faults by date and time
- Easy to use 4-button keypad with user-friendly menus
- Password protected configuration mode
- True ground fault functionality test
- Modbus and RS-485 Communications
- Displays multiple information including current, voltage and phase voltage
- Enhances safety and increases productivity



SPECIFICATIONS

ENCLOSURE DIMENSIONS	5.5" W x 6.625" H x 4.625" D (139.7 mm x 168.28 mm x 117.48 mm)
ENCLOSURE RATING	Panel Mount, Powder Coated Aluminum
UNIT WEIGHT	3 lbs (1.36 kg)
CONTROL VOLTAGE	90 - 130 VAC
OPERATING VOLTAGE	480 - 1000 VAC
BACKUP BATTERY	NO
INTERRUPTING CURRENT	100,000 Amps
OPERATING CURRENT	10 - 550 Amps
OPERATING TEMPERATURE	-40 to 135 F
THERMAL TRIP TIME ACCURACY	+/- 10%
INSTANTANEOUS (MAG) TRIP RANGE	2x to 16x (x=Continuous Current)
MAGNETIC TRIP ACCURACY	+/- 10%
GROUND FAULT PROTECTION	Adjustable from 1-25 Amps in 0.1 A increments
GROUND FAULT TRIP ACCURACY	+/- 20% @ 1-2 Amps and +/- 10% @ 2.1-25 Amps
LOW CONTROL VOLTAGE	Three phase circuit opens when control voltage is 80-85 VAC
LOW THREE PHASE VOLTAGE	Adjustable from 1-50%
PHASE CURRENT IMBALANCE	Adjustable from 1-50%
LOW PHASE VOLTAGE DELAY	Adjustable from 1-5 seconds
PHASE CURRENT IMBALANCE DELAY	Adjustable from 1-5 seconds
DISPLAY	4 line x 20 character LCD with LED Indicators
COMMUNICATION PROTOCOLS	RS-485 @ 38.4 kBd, Modbus, or Stand Alone
ADDRESS RANGE	0 - 255
CLOSE SWITCH	2 second hold with adjustable 0-10 second contactor close delay
WARRANTY	1 Year

VERSION	LOAD CURRENT RANGE	CURRENT RANGES
300 A	10 - 300 A	10 - 30 A, 30 - 90 A, 100 - 300 A
450 A	100 - 450 A	100 - 300A, 150 - 450 A
550 A	100 - 550 A	100 - 300 A, 200 - 550 A