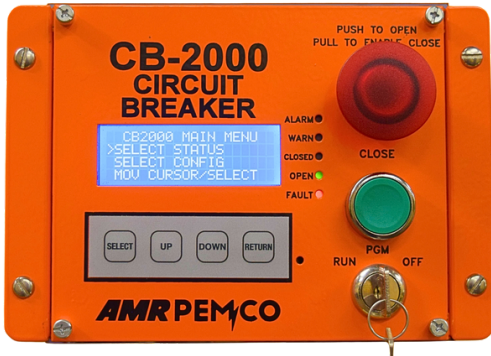


WHAT IS IT?

- Electronic breaker with vacuum contactor
- Provides arc flash protection vs conventional molded case breakers
- Operator 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 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



FEATURED IMPROVEMENTS

- New processor core with expanded memory and faster processing/sampling speed
- All features are user-selectable without the need for special firmware
- For a set of specific settings for cable(s) or machine(s), an option can be set up where the user selects the cable or machine and all settings are preset
- Enhanced user interface is easier to navigate
- A backlit display makes the screen easier to see in low light conditions
- Improved Phase Current monitoring eliminates nuisance trips
- Direct drop-in replacement for the CB-PRO with exact footprint and wiring
- Bluetooth-Enabled

SPECIFICATIONS

ENCLOSURE DIMENSIONS	5.5"W x 6.625"H x 4.625"D (139.7mm x 168.28mm x 117.48mm)
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 contractor close delay
WARRANTY	1 Year