

# AMR PEMCO

PROVEN PARTNER IN TECHNOLOGY

Electronic Circuit Breakers

## AMR PEMCO's CB Series Offers Greater Safety Than Conventional Breakers

Replaces molded case breakers

No external arcing

Extremely long life of operation

Indicator lights for all faults: Phase overcurrent, Ground fault, Phase under-voltage, Unit fault, Ground monitor trip, Fuse/contact failure, Phase loss

Self Test circuitry

All protection functions in one package

Easily tested by breaker test unit (BT-1000)

Capable of remote control by any data acquisition system or PLC's.



CB—PRO

With the CB—PRO, there is an increase in safety, reliability of vacuum contractor, password protection, and a reduction in maintenance downtime. The need for a molded case circuit breaker replacement is rated for 1 million useful life trips. The CB—Pro has increased trip accuracy which leads to a decrease in trouble shoot time and a reduction in the need for spare parts in inventory.



## CB—100



The CB-100 offers state-of-the-art technology that meets the most stringent safety standards while providing the reliability you demand in one rugged compact package. The CB-100 is a companion to the successful CB-1000 and is comparable in size with a 225 Amp molded case circuit breaker. However, the comparison ends with size, because the CB-100 offers you levels of safety and reliability unheard of in molded case breakers.

Configuration	300 A Version	450 A Version	600 A Version
<b>Dimensions:</b>	12" Wide Panel	14.5" Wide Panel	17.5" Wide Panel
<b>Control Voltage:</b>	120 VAC	120 VAC	120 VAC
<b>Operating Voltage:</b>	1000 VAC	1000VAC	1000VAC
<b>Operating Current:</b>	100 - 300A	100 - 450A	100 - 600A
<b>Interrupting Current:</b>	300,000 Amps	300,000 Amps	300,000 Amps
<b>Backup Battery:</b>	No	No	No
<b>Operating Temperature:</b>	-40 to 135 F	-31 to 185 F	14 to 122 F
<b>Current Limiting Fuse:</b>	1000 VAC / 600 A	1000 VAC / 700 A	1000 VAC / 700 A
<b>Display:</b>	LED	LED	LED
<b>Communications:</b>	No	No	No
<b>Self Test Feature:</b>	Yes (continuous)	Yes (continuous)	Yes (continuous)

## CB—1000

For the ultimate in power, safety and reliability, the CB-1000 combines motor control and fault sensing circuitry in one rugged package. Ground fault, under-voltage phase loss, ground monitor, and overcurrent sensing are featured on plug-in printed circuit boards housed in an easily maintained electronic package. The CB-1000 can be easily interfaced using control systems with its digital in/out port.



Delivering quality electrical solutions for over 60 years

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