



***AMR* PEMCO**

PROVEN PARTNER IN TECHNOLOGY

WWW.AMRPEMCO.COM

Corporate Overview



- AMR PEMCO and sister companies operate to provide electronic monitoring, controls, communications, tracking, and collision avoidance systems as well as industrial buildings, circuit breakers, dry-type transformers, and automation integration.
- Markets served include global mining, aggregates, tunneling, power generation, utilities, transit, nuclear, water/wastewater, and general industry.
- Primary sales in the U.S., Canada, Mexico, India, South Africa, and South America with sales in many other countries around the world.

AMR est. 1975



ERM est. 1979



CMS est. 1995



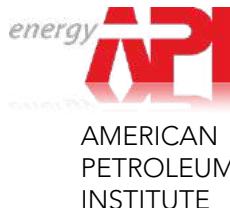
PEMCO est. 1960 - Acquired in 2016



Delivering Projects Worldwide



Codes and Certifications



American
Welding Society



Experience With Popular Brands



GE Infrastructure
Water & Process Technologies



Clients and Customers



NORTHROP GRUMMAN

Balfour Beatty



TMEiC



**Rockwell
Automation**



Core Capabilities



- Industrial & control buildings (ICB) and equipment enclosures including HVAC systems and design, installation and integration of all types of electrical equipment
- Complete skid mounted systems including switchgear, AC & DC Drives, transformers and control systems
- Complete skid mounted power centers and substations for harsh duty applications
- Custom designed dry type transformers up to 4 MVA and 25kV class.
- Specialty magnetics for custom applications including reactors, inductors, and rectifier duty transformers
- UL and CSA certified control panels with custom enclosure design and fabrication
- 3D modeling capabilities for all enclosures and bus assemblies.
- Electrical, mechanical, and transformer engineering



ELECTRONIC CIRCUIT BREAKERS

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 undervoltage, 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-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.



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 over-current 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.



Cost and Time Savings

- Reduction in maintenance downtime
- Eliminates molded case circuit breaker replacement
- Increased trip accuracy-decreased troubleshoot time
- Eliminates nuisance tripping

Remote Capabilities

- Compatible with Modbus and other PLC digital I/O
- Data Logging
- Start amperage and voltage requirements
- Fault history date and time stamp
- Over-current conditions
- Predictable maintenance vs. unscheduled downtime
- Spare channels for customer specifications





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