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Mini-Power Centers

Product Description

Note: The following pages provide listings for most standard transformer ratings and styles. For other ratings or styles not shown, or for special enclosure types (including stainless steel), refer to Eaton.

- Encapsulated design
- Suitable for indoor or outdoor applications
- 180°C insulation system
- 115°C rise standard; 80°C rise optional

Application Description

A mini-power center combines three individual components into one NEMA Type 3R enclosure: a main breaker, an encapsulated single-phase (Type EP) or three-phase (EPT) dry-type transformer, and a secondary distribution loadcenter with main breaker. Interconnecting wiring is completed at the factory. Mini-power centers are used wherever there is a 480 volt or 600 volt distribution system and loads requiring 208Y/120 volt, three-phase or 120/240 volt single-phase. Typical installations include:

- Industrial plant assembly lines
- Plant expansions
- Test equipment
- Temporary construction site power
- Sewage disposal plants
- Warehouses
- Car washes
- Parking lots
- Commercial buildings

Features, Benefits and Functions

- 60 Hz operation
- Indoor/outdoor, NEMA 3R
- Primary main breaker
- Secondary main breaker (Type BR plug-in and Type BAB bolt-on feeder breakers not included)
- All live parts enclosed for personnel safety
- Cover is hinged to prevent removal and can be padlocked
- Cores are grounded with a copper lead
- Ground bar is supplied to permit grounding of individual secondary circuits
- Neutral bar is grounded to case
- Feeder circuits can be easily added or changed using Type BR plug-in breakers and Type BR plug-in and Type BAB bolt-on
- Suitable for service entrance
- Wide range of configurations available:
 - Aluminum windings and plug-in loadcenter chassis standard
 - Copper windings and plug-in loadcenter chassis also available
 - Copper windings and bolt-on loadcenter chassis available
- Short-term overload capability as required by ANSI
- Meet NEMA ST-20 sound levels

Standards and Certifications

- UL listed
- CSA® certified

**Industry Standards**

All Eaton dry-type distribution and control transformers are built and tested in accordance with applicable NEMA, ANSI and IEEE Standards. All 600 volt class transformers are UL listed unless otherwise noted.

Seismically Qualified

Eaton manufactured dry-type distribution transformers are seismically qualified and exceed requirements of the Uniform Building Code (UBC), International Building Code (IBC) and California Code Title 24.