ME series dead-front fused sectionalizing enclosures
MEC current limiting fusing and MEP power fusing
200 Amperes, 15 - 25 kV
ABB ME series fused sectionalizing enclosures

ABB’s dead-front Padmount ME series fused sectionalizing enclosures are designed for 200 ampere circuits to protect and sectionalize an underground electrical distribution system. The single and three-phase versions are designed for long term durability and are available in 15 or 25 kV to fit utility system requirements.

- Provides an economical circuit protection option for single-phase circuits and three-phase circuits where gang operated switching is not required
- Available in power fusing (MEP) or current limiting fusing (MEC) styles with a wide variety of fuse mounting options
- Dead-front construction with a metal partition to separate the cable terminating compartment from the fuse compartment
- Dead-front partition is painted light gray for improved visibility
- Single-phase switching using loadbreak inserts and elbow connectors or optional loadbreak fuse mountings
- Available in single-phase and three-phase arrangements with one or two sources and one or two loads
- 200 ampere bushing wells are standard, with 600 ampere source bushings optional
- Inner protective door barriers on live-front side
- Circuit diagram on dead-front side
- Grounding provisions in each compartment
- Electrical grade (GPO-3) fiberglass barriers for phase separation
ABB’s Padmount switching products represent over 30 years of quality design and manufacturing of air insulated dead-front products for underground distribution systems.

**Enclosure features**
- Heavy duty channelized construction for superior rigidity and tamper resistance
- Premium powder coating and rugged construction meet or exceed ANSI C57.12.28 and RUS U-4 requirements for pad-mount equipment enclosure integrity
- Flexible modular design promotes life cycle support, including field upgrades and repairs
- Tamper resistant ventilation to prevent excessive condensation build-up
- Blind threaded lifting provisions
- Stainless steel hinges
- Available in mild steel, stainless steel or aluminum construction

**Folding three-point door handle assembly**
- Manually operated latch requires deliberate action to open or close doors
- Corrosion resistant housing
- Stainless steel penta-head security bolt
- Heavy duty cast aluminum folding handle
- Penta-head bolt hidden behind handle when padlocked
- Complete handle assembly or individual parts easily replaceable

**Automatic door stay assembly**
- Secures door in open position
- Easy release with hand or foot
- Easily removable doors
Enclosure features

- Parking stands accept industry standard cable parking devices
- 200 ampere bushing wells standard (600 ampere source bushings optional)
- Optional phase and/or bushing identification letters/numbers
- 3-point door latch with flush folding handle and penta-head security bolt
- Stainless steel lift-off hinges
- Dead-front panel reinforced to prevent flexing
- Light gray dead-front for improved visibility
- Grounding provisions for each phase and also on enclosure side panels
- Circuit diagram (mimic bus) in cable compartment
- Blind threaded lifting provisions
- NX Clip style current limiting (MEC) fuse mountings shown (power fuse style (MEP) mountings available)
- NEMA GPO-3 fiberglass inner protective barriers inside fuse compartment; doors secured with penta-head bolt (clear (lexan) barriers optional)
- NEMA “Mr. Ouch” danger labels inside doors and on inner-barriers
- Automatic door stay assembly secures door in open position
- Open bottom with 2" base flange (floor pan optional)
- Tamper resistant ventilation top and bottom
- NEMA GPO-3 fiberglass phase/fuse separation barriers
- Grounding provisions for each phase and also on enclosure side panels
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- Tamper resistant ventilation top and bottom
- NEMA GPO-3 fiberglass phase/fuse separation barriers
MEP Power Fuse Enclosure shown with non-loadbreak fuse mountings and special customer labeling

MEP Power Fuse Enclosure shown with loadbreak fuse mountings and optional ANSI-70 light gray color

MEC Current Limiting Enclosure shown with NX clip style fuse mountings
Available options and accessories:

- Fuse extenders (for NX fuses)
- Clear polycarbonate (Lexan) inner door barriers
- Fuse storage provisions
- Copper bus
- Copper core bushings (600 A)
- Factory installed bushing inserts
- Hex-head security bolts for doors and barriers
- Grounding connectors

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<th>Phase</th>
<th>Dimensions (in)</th>
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Note: Consult factory for alternate circuit configurations.

Fuse mounting options:

- Option A - Type NX Arc-Strangler hinge style mountings - code 1
- Option B - Type NX Arc-Strangler hinge style mountings - code 2
- Option D - Type NX clip style mountings - code 5 (standard for 15 kV)
- Option E - Type NX clip style mountings - code 6 (standard for 25 kV)

Note: Fuse mountings accept Cooper NX style fuses or equivalent with 5/8" ferrules. Fuse extenders can be provided to increase length of fuse from code 4 to 5 or from code 5 to 6.
MEP power fusing
Part number & option guide

Available options and accessories
- Fuse holders or fuse end fittings
- Clear polycarbonate (Lexan) inner door barriers
- Fuse storage provisions
- Copper bus
  - Copper core bushings (600 A)
  - Factory installed bushing inserts
  - Hex-head security bolts for doors and barriers
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Note: Consult factory for alternate circuit configurations

Fuse mounting options:
- Option R - SM-20 non-loadbreak fuse mountings to accept SMU-20 power fuses
- Option S - SML-20 loadbreak fuse mountings to accept SMU-20 power fuses
- Option T - SM-4 non-loadbreak fuse mountings to accept SM-4 power fuses
- Option U - SML-4Z loadbreak fuse mountings to accept SM-4 power fuses