Outdoor Padmount switching products
15 and 25 kV switchgear

MDS dead-front switchgear

ABB dead front padmount switch line (MDS) is designed to offer safe and reliable operation for underground distribution systems. The MDS padmount switch line is rated for 600 A and 15/27 kV applications. ABB’s best-in-class VersaRupter loadbreak switch operates quickly, eliminating electrical arc even during load switching operations.

- Switches and fuses are enclosed in a metal compartment for personnel safety and to prevent entrance of foliage and contaminants
- Enclosure footprint, termination height and switch/fuse configuration per industry standards
- Fuse access doors positively latched in the closed position and mechanically interlocked with 200 A elbows to prevent access until elbows are disconnected
- Fuses accessible only when fuse access doors have been disconnected and pivoted to the open “service” position
- Visible break and switch positions visible through a large window
- Switch terminals equipped with 600 A bushings and fuse terminals equipped with 200 A bushing wells in accordance with ANSI standards
- Flexible, modular design promotes life cycle support, field upgrades and repairs
ME series dead-front fused sectionalizing enclosures

**Power fusing cabinet (MEP) and current limiting fusing (MEC) up to 200 A**

- Designed for 200 ampere circuits to protect and sectionalize an underground electrical distribution system
- Dead-front construction with metal partition separating cable terminating compartment from fuse compartment
- Single-phase switching using loadbreak inserts and elbow connectors or optional loadbreak fuse mounting
- Available in single and three-phase with one or two sources and one or two loads
- Bushing wells for 200 A standard, with optional 600 A source bushings
- Mountings available for all industry standard fusing
- Grounding provisions in each compartment
- Electrical grade (GPO-3) fiberglass barriers for phase separation

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[Link to ABB website](http://www.abb.com/mediumvoltage)

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