

Narrow design load interrupter switchgear



MVS-ND provides the same proven technology for load interrupter switchgear, but in a greatly reduced footprint. Eighteen-inch-wide structures, completely front-accessible cable terminations, a fully visible disconnect, proven air interrupting technology, and fully rated fuses are combined in MVS-ND. Eaton is proud to offer the most flexible narrow load interrupter switchgear on the market. It is now possible to reduce the size of your equipment room further without the added hassle and environmental concerns that come with SF₆-filled equipment.

Integral safety features

- Proven load interrupting technology provides maximum circuit operating protection
- Door interlocks ensure that the switch and fuse panels remain closed unless the switch is opened
- Viewing window provides clear visible confirmation of disconnected switch contacts
- Through-the-door switch operation is provided

Safety enhancement options

- Optional integrated power switching device allows an operator to open and close the switch from a distance

Protection and metering

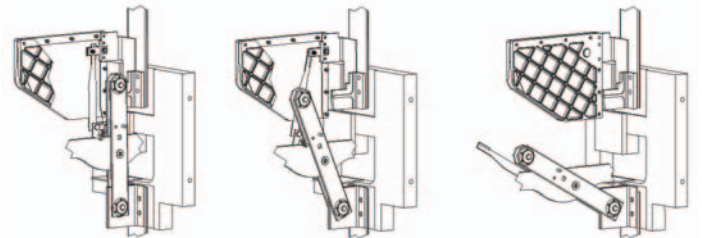
Note: For comprehensive application information about switchgear controls, please see Eaton's *Consulting Application Guide*.

Metal-enclosed switchgear standards

- ANSI/IEEE® C37.20.3

Seismic qualification

- Seismic-qualified by actual testing to meet requirements of IBC 2006 and CBC 2007



Main Flicker
Blades Engaged

Main Blades Disengaged,
Flicker Blade Engaged

Both Blades
Disengaged



Powering Business Worldwide

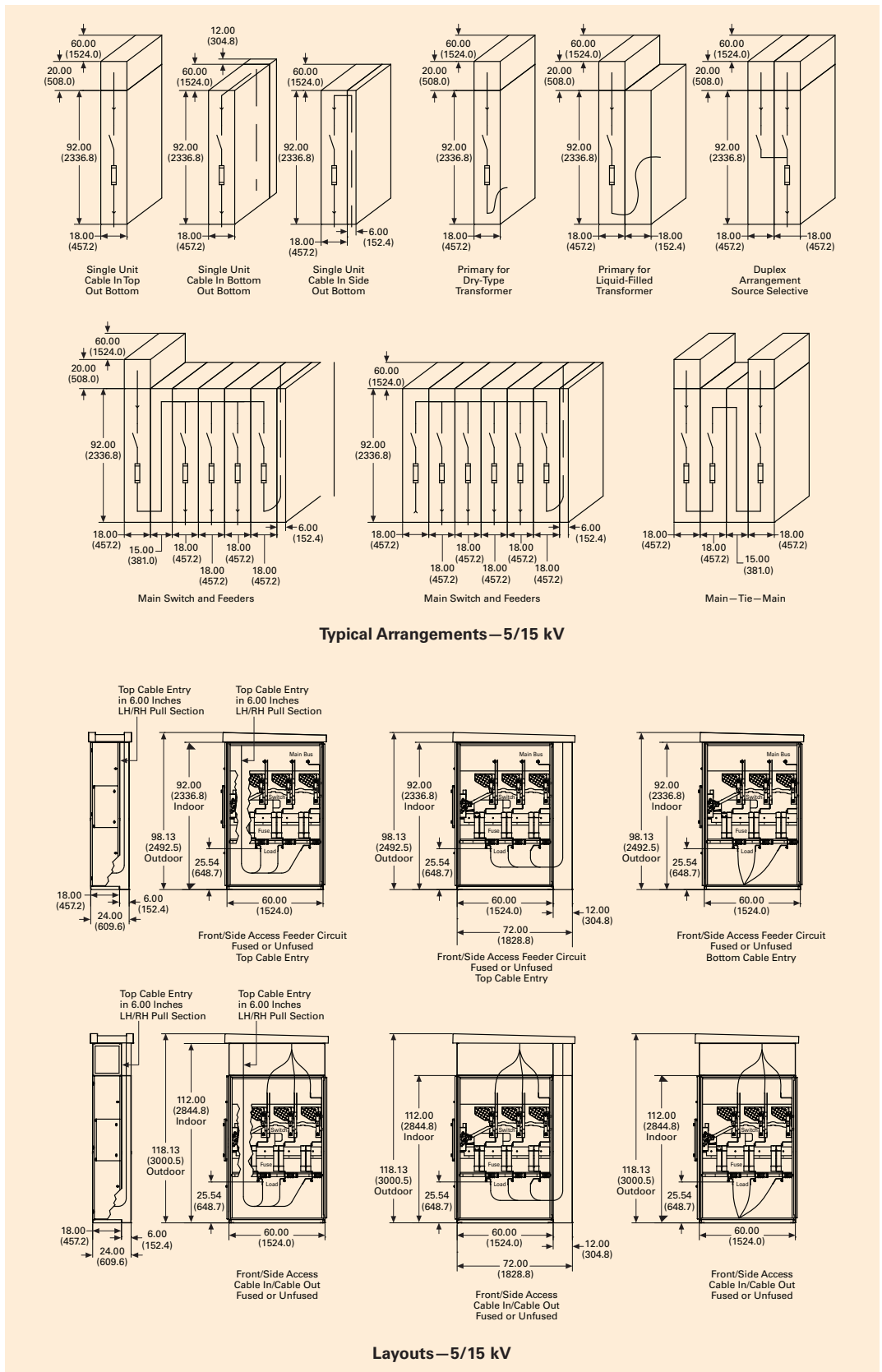
Fully tested system configurations (layout flexibility)

- 18-inch-wide vertical structures
- Main, tie and feeder configurations available
- Main bus transitions from lower to upper main bus locations are available
- Fused and non-fused switches are available
- All options and configurations tested in accordance with IEEE C37.20.3

Ratings

- Rated maximum voltage: 5 kV–15 kV
- Continuous current/load break: 600A–1200A
- BIL rating: 60 kV and 95 kV
- Main bus rating: 1200A
- Momentary/fault close: 40 kA or 61 kA (RMS ASYM)
- 2-second withstand: 38 kA

See Eaton's *Consulting Application Guide* for complete details of available ratings and layout dimensions.



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