

MEDIUM VOLTAGE SWITCHGEAR

BreakMaster™

Medium voltage load interrupter switchgear



BreakMaster metal-enclosed load interrupter switchgear, featuring the advanced interrupting technology of the VersaRupter switch, provides dependable, economical load switching and protection for medium voltage circuit applications from 2.4 kV through 15 kV in 600 A load interrupting ratings. Used mainly as a primary or secondary disconnect switch for transformers, the variety of configurations in which BreakMaster is available also make it useful for specific distribution needs. It can be inserted as a main or feeder switch in medium voltage switchgear or LimitAmp motor controller lineups. Fault current protection is available using a complete line of current limiting or expulsion fuses.

BreakMaster™ is used to safely disconnect power, as well as provide fault current protection. It can be used to select alternative power between two primary sources and in line-ups of multiple sections for key heavy industrial markets.

Applications

- Transformer primary switches
- Industrial and utility switch and fuse line-ups

Product Scope

- Configurations: single, duplex, mains/ties, branch, 20-inch and 35-inch wide incoming cable
- Switch ratings: 5.0 to 15.0 kV, 40 kA interrupting switch mechanisms
- Continuous bus amperes: 600 to 2000 A
- Switch amperes: 600 A
- Enclosures: NEMA 1, 2 or 3R
- Standards: UL, CSA, ANSI, IEEE, NEMA, IEC

Features and benefits

- Custom designed with many accessories to meet all switching requirements
- BreakMaster metal-enclosed load interrupter switches provide dependable, economical load switching and protection for medium voltage circuit applications from 2.4 kV through 15 kV in 600 A load interrupting ratings. Coordinated with major equipment
- Special paint options to meet industrial needs

Typical user configurations

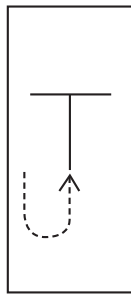
The complete line of BreakMaster load interrupter switches can fill most distribution system requirements. They are available in a variety of configurations to meet specific distribution needs, including:

- Single switches
- Duplex switches
- Line-ups

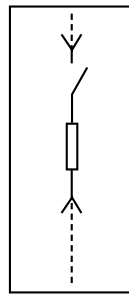
Motor operators, customer metering and outdoor construction are also available.

| Standard configuration features | Single | Duplex | Line-up |
|---|--------|--------|---------|
| 35-inch width | | | |
| 70-inch width | | | |
| 90-inch indoor height, 99-inch outdoor height | | | |
| 50-inch depth standard (includes arrester if required), 60-inch depth available | | | |
| Available section widths: 55-inch mains/tie; 35-inch branches; 20-inch/35-inch incoming terminal compartments; 20-inch/35-inch/40-inch auxiliary sections | | | |
| Extension required for oil-filled transformers only (18-inch wide) | | | |
| Dry type and cast coil transformers require 3-inch in throat for outdoor enclosure | | | |
| Key interlocking standard between switches and fuse compartment | | | |

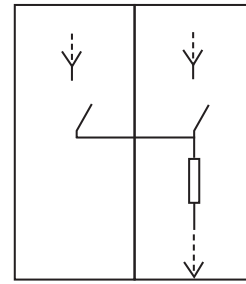
- 01 Incoming
- 02 Single
- 03 Duplex
- 04 Line-up (main-tie-main)



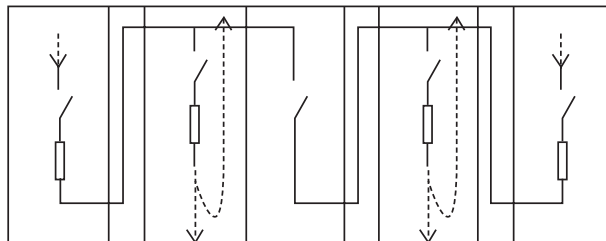
01



02



03



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