Federal Pacific Metal-Enclosed Wall-Mounted Fuse Cabinets provide a safe, convenient method of fusing loads where switching is not required or is done elsewhere. These space-efficient cabinets may be wall or floor mounted and may be located in dry indoor vaults or outdoors. Typical applications include protection of:

- A transformer in an industrial or commercial building.
- A high-density load in a commercial building.
- A feeder circuit fed by a selector switch, manual or automatic.

Wall-mounted fuse cabinets are available for three-phase applications on 15 kV and 25 kV systems.

Indoor/outdoor design: All welded, 11-gauge steel with gasketed doors (on outdoor units), three-point door latches, screened rainproof louvers and padlockable handle. The anti-corrosion finish system includes chemical cleaning, phosphatizing (or zirconization) and sealing followed by an electrostatically deposited powder epoxy primer. The finish coat is an electrostatically deposited polyester topcoat. The finish system meets the requirements of ANSI C57.12.28 and the standard color is ANSI 61 light gray.

**Cable Termination Options:**

- Knockouts for conduit.
- Porcelain flange mounted potheads.
- 200-ampere bushing wells for loadbreak inserts and elbows, 15kV, 95kV BIL and 25kV, 125kV BIL.
- 600-ampere bushings for non-loadbreak type separable connectors 15kV, 95kV BIL and 25kV, 125kV BIL.
Wall-Mounted Cabinets

**View Showing Various Positions for Optional Dual-Purpose Fuse Barriers.**
(Shown with SML-4Z fuseholders)

**Wall-Mounted Fuse with door open to show optional internal dual-purpose barrier system.**

Federal Pacific Load-break fuse mountings are equipped with a Positive-Latch Indicator displaying a target when the fuse is completely latched, ready for the next load-break (opening) operation. Do not leave fuse in an unlatched condition. Label on inside of door displays latched condition.

Dual-purpose fuse barrier in slide-in position isolating top bus connections. Do not leave barrier in slide-in position for more than one week.

**View With Door Open and Barriers Removed.**
(Shown with SML-4Z fuseholders)

Dual-purpose barrier for each fuse position.

SML-4Z fuse holder with 200 ampere Auto-jet load-break fuse mounting. Other fuse types are available.

Label showing ratings of fuses, system diagram and manufacturing data.

Fuse in open disconnect position.

Ventilation louver backing plate.

Nameplate
Lifting brackets.
Mounting brackets.
Exterior hazard alerting sign.
Padlockable handle.
Louvered openings.

Exterior of Wall-Mounted Fuse Cabinet.

Cover plate (removed) allows installation of bushings if furnished or installed by customer.

Three-point door latch.

Dual-purpose barrier for each fuse position.

Door holder.

Label showing fuse latched condition.

Positive Latch Indicator.

Label showing ratings of fuses, system diagram and manufacturing data.

Dual-purpose barrier removed from normal position.

Interior hazard alerting sign.

Interior hazard alerting sign.

Interior hazard alerting sign.

Interior hazard alerting sign.

Lifting brackets.

Mounting brackets.

Exterior hazard alerting sign.

Padlockable handle.
INDOOR/OUTDOOR SPECIFICATIONS
(Illustrated with optional porcelain terminators)

Section View Loop Feed with Non-Loadbreak Fuse

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Ratings</th>
<th>Fuse Unit or Refill Type</th>
<th>Dimensions - Inches†</th>
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<tr>
<td></td>
<td>Nom. kV</td>
<td>Max. Amps</td>
<td>BIL</td>
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<td>17.0</td>
<td>95</td>
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<td>27</td>
<td>125</td>
</tr>
</tbody>
</table>

† Dimensions are not to be used for construction purposes.
* These are non-loadbreak units designed to accept the type SM-4 fuseholder.
** The Auto-jet loadbreak integral interrupter is included in these units, accepting either the SML-4Z fuseholder, the SMU-20 fuse with SML-20 end fittings, or DBU fuses and end fittings. The Auto-jet device permits live switching up to 200 amperes with an ordinary hotstick.
The Federal Pacific Wall-Mounted Switch Cabinets include the Federal Pacific Auto-Jet® II Load-Interrupter Switch in a space efficient, all-welded, Indoor/Outdoor 11-gauge steel enclosure designed for wall or floor mounting (with optional floor stand). Mounting tabs are included on the back at the top and bottom. Lifting eyes are provided on the sides at the top. Holes with removable plates are provided in the top and bottom for conduit entrance.

The enclosure door is secured at three points - two pentahead bolts and a padlockable tab - and has stainless-steel hinges and pins. A three-point latching design with a lockable handle is also available.

A window barrier is provided in the interior to allow viewing the position of the switch blades when optional dual-purpose barriers are in the normal hanging position. Louvers are installed in the door to ensure proper ventilation. The door opening is gasketed at top and on both sides for outdoor applications.

The anti-corrosion finish system includes chemical cleaning, phosphatizing, followed by a powder epoxy primer. The finish coat is an oven-baked, powder polyester finish. Standard color is ANSI 61, light gray.

The Auto-Jet® II Load-Interrupter Switch used in Federal Pacific Wall-Mounted Switch Cabinet is rated 600 amperes, 15 kV, is UL® Recognized and features an industry-leading, 3-time duty-cycle fault closing rating of 40,000 amperes asymmetrical.

Typical applications include:
- Service Entrance Switching
- Transformer Primary and Secondary Switching
- Line Switching
- Load Switching
- Loop Switching
Wall-Mounted Cabinets

Clear Laminate Barrier allows viewing switch-blade position without removing barriers.

Padlock Tab for Enclosure Door

Dual-Purpose Barriers can be removed and inserted in open gap when switch is open. Do not leave barriers in alternate slide-in position for more than one week.

Exterior view of rugged Federal Pacific Wall-Mounted Switch Enclosure.

Exterior Hazard-Alert Sign

Bolt Closure on door with padlock tab at midpoint

Interior view of wall-mounted switch to show barrier arrangement.

4-Hole Pad Terminal

Stainless-Steel Hinges and Hinge Pins

Door Holder

Interior view of wall-mounted switch to show barrier arrangement.

Phase Identification Labels

11-Gauge Steel Enclosure

Enclosure Ground Bar

Interior view of wall-mounted switch to show Auto-jet® II switch.