

TYPE PLD LIVE-FRONT/DEAD-FRONT PAD-MOUNTED SWITCHGEAR 15kV



The PLD Pad-Mounted Switchgear combines the convenience of conventional, live-front skirted terminations for 600-ampere, three-pole, group-operated switches with the security of dead-front elbow terminators for 200-ampere, single-pole switching of fused load-feeder circuits.

FEATURES:

- Live-Front 600-Ampere Switch Compartments
- Dead-Front 200-Ampere Fuse Compartments
- Manual, Automatic Source Transfer, SCADA Controlled
- PLD-5, PLD-6, PLD-9, PLD-11
- Meets all of the preferred and optional ratings in IEEE C37.74.
- Meets Enclosure Security Requirements in ANSI C57.12.28
- 600 ampere or 1200 ampere Switches and Bus

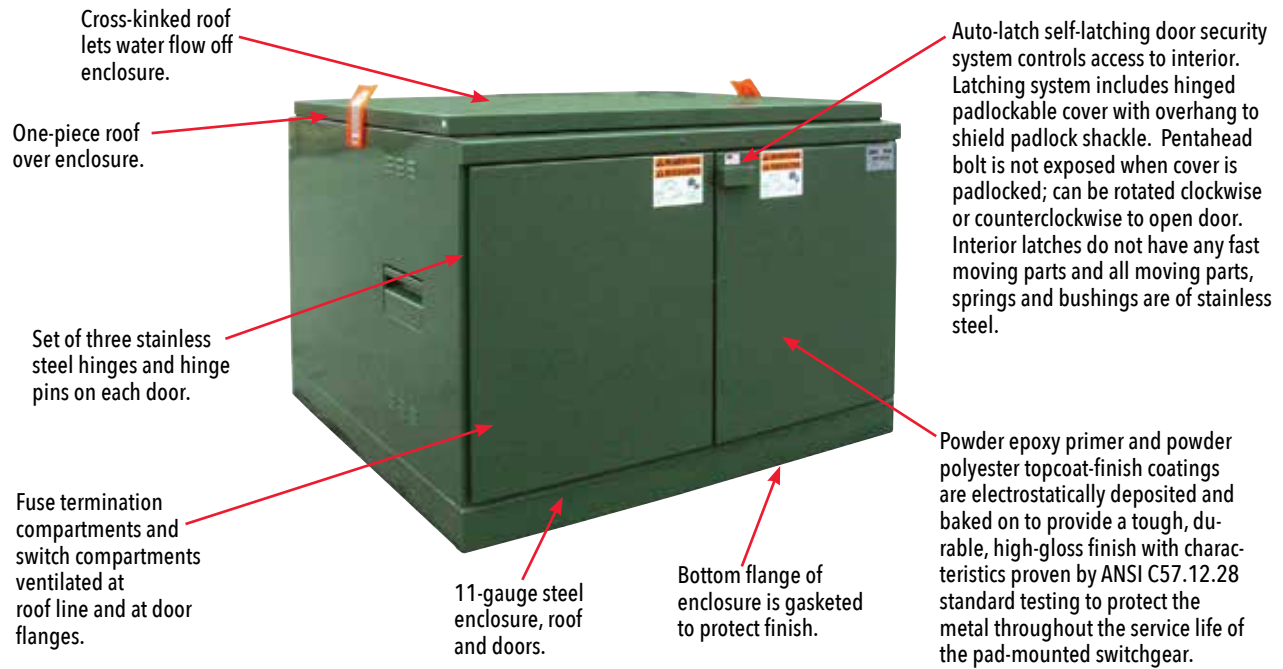
Federal Pacific offers PLD Pad-Mounted Switchgear to provide an additional switchgear equipment choice for implementing underground distribution systems. The PLD units offer the application flexibility and operating convenience of both live-front and dead-front pad-mounted switchgear. Application flexibility is achieved by providing the PLD units in the most popular circuit configurations. Operating convenience is achieved by developing a design that combines the most desirable features for terminating cable, switching and protecting main and load feeders, and insuring optimum security for personnel; hence, the acronym PLD – Pad-Mounted Live-Front, Dead-Front.

The switch compartments are configured for live-front operation. The switch is Federal Pacific's standard Auto-jet® II Load-interrupter Switch with terminal pads accessible and configured to accept conventional skirted terminators. The rugged dependability of the Auto-jet switch has been laboratory tested and field proven to provide ratings and performance superior to any available in air-insulated pad-mounted switchgear.

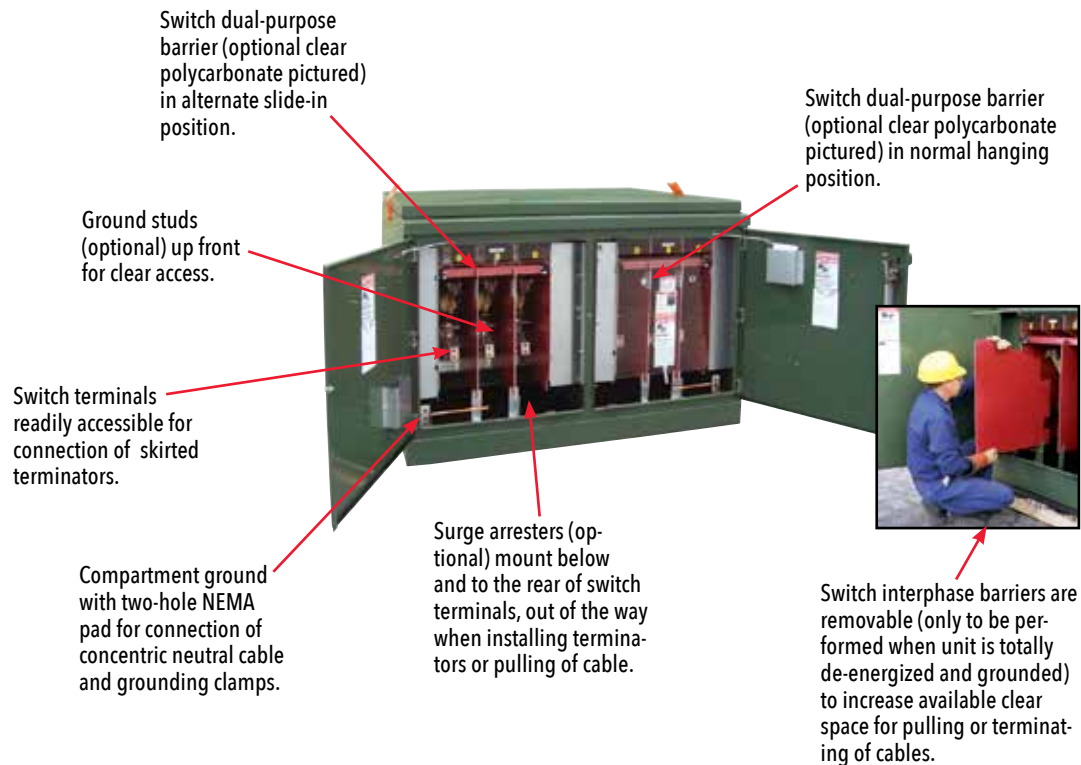
The fuse compartments are configured for dead-front operation. The fuse mountings are identical to those used in Federal Pacific's dead-front line of PSE Pad-Mounted Switchgear. The PLD fuse mountings incorporate Federal Pacific's 200-ampere bushing wells, which meet all the requirements of ANSI 386 and accommodate load-break inserts for use with 200 ampere load-break elbow connectors.

The standard unit ratings are 15kV with 600 ampere bus. The circuit configurations are the PLD-5, PLD-9, and PLD-11. These are the most popular models in all of the pad-mounted switchgear designs. Other circuit configurations may be made available. For example, units with 1200 ampere switches and 1200 ampere bus have also been designed and built and are available in the forgoing model designs.

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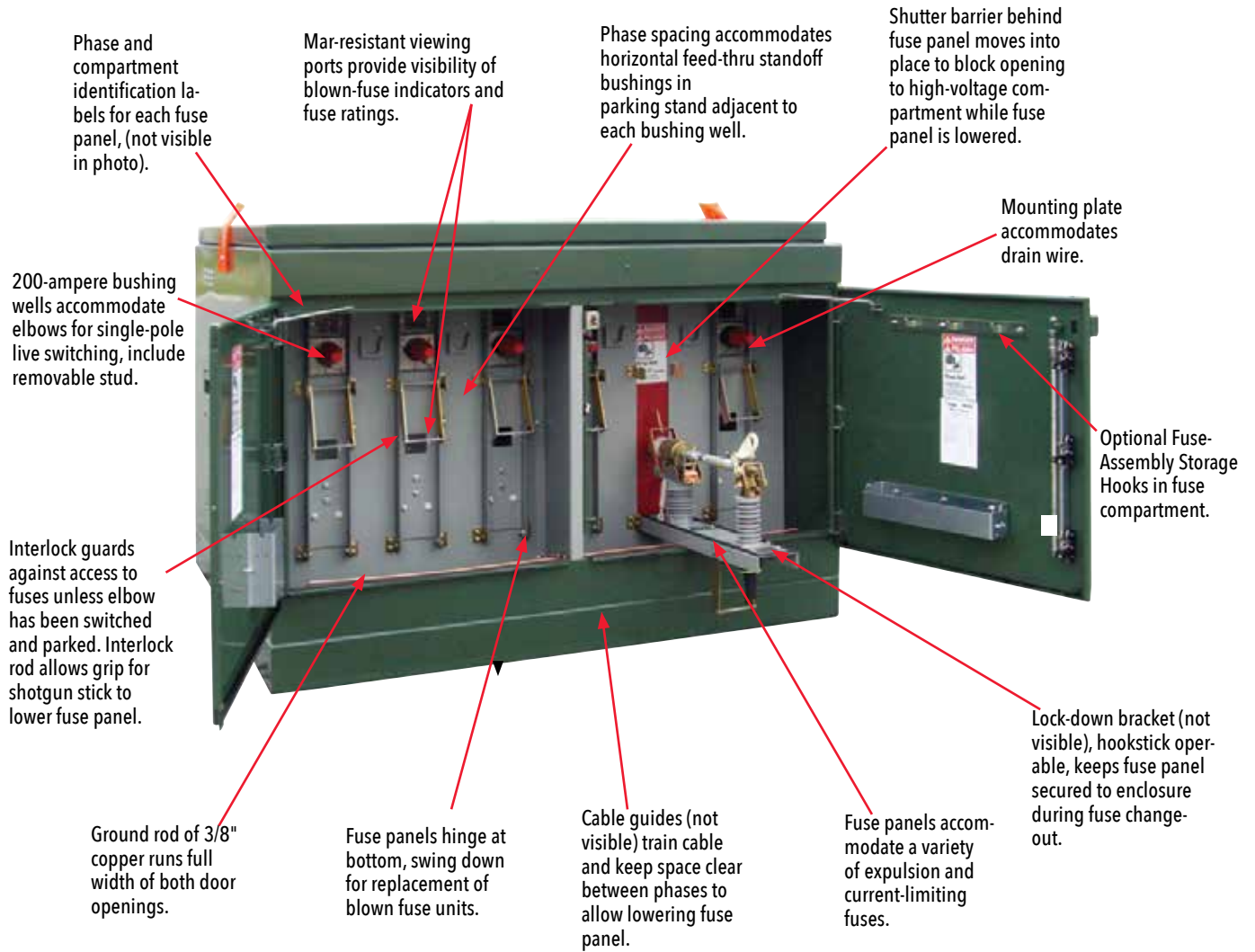


Enclosure integrity and security is assured with Federal Pacific Type PLD Pad-Mounted Switchgear.



Live-Front switches utilize conventional, skirted terminators and eliminate the need for costly, difficult to handle 600 ampere elbow connectors.

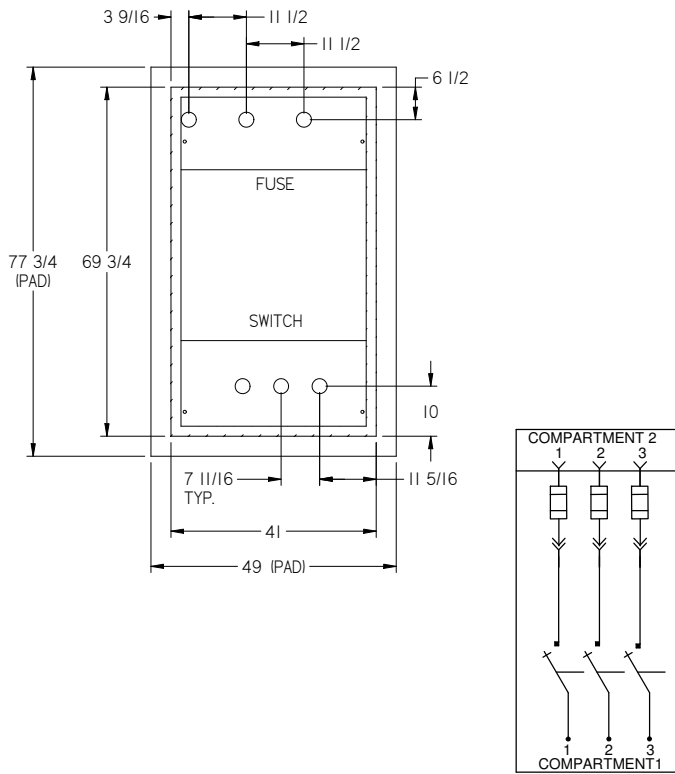
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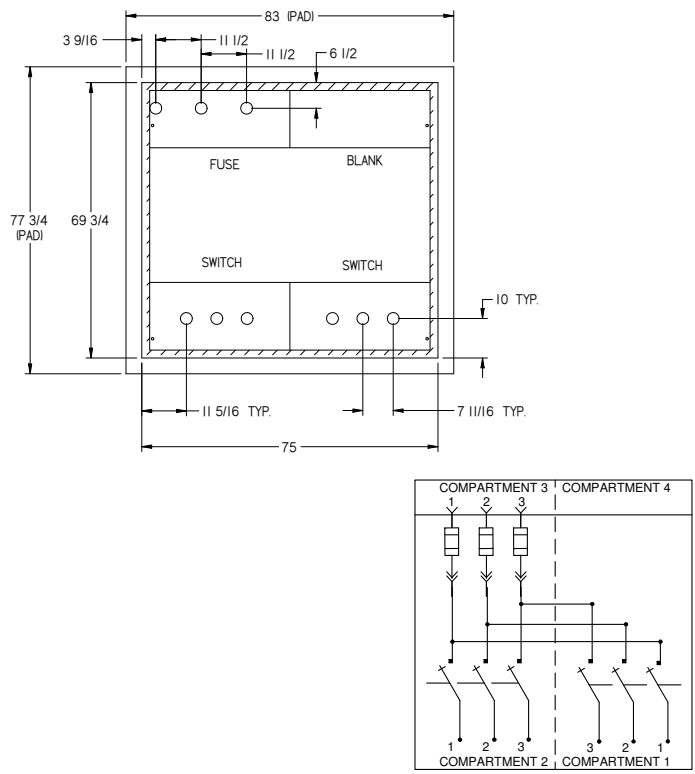
Interior view of fuse-termination compartment of Federal Pacific PLD Pad-Mounted Switchgear. Unit includes many features to assure ease of operation for personnel when switching elbows or inspecting and re-fusing 200 ampere circuits.

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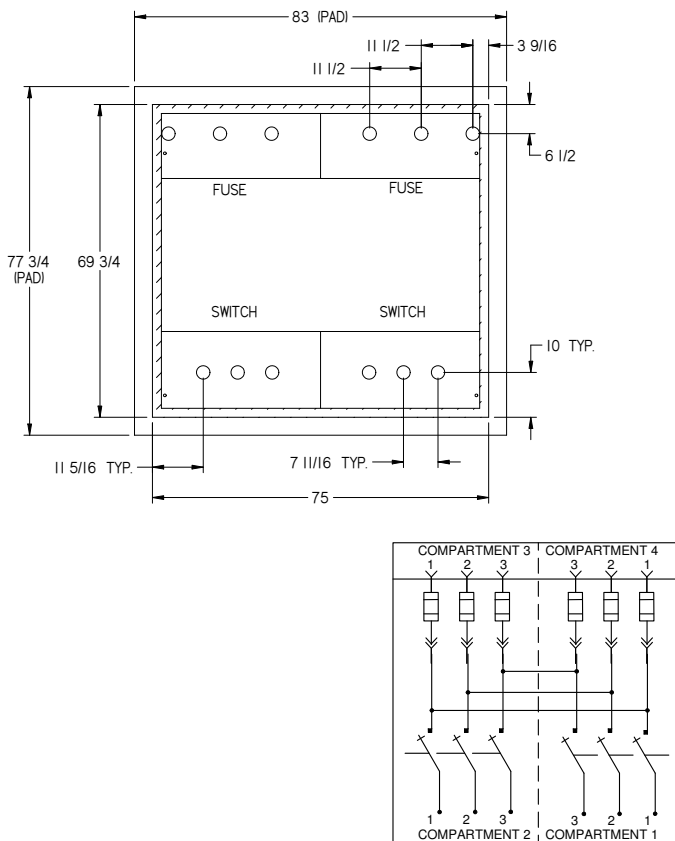
PLD-5



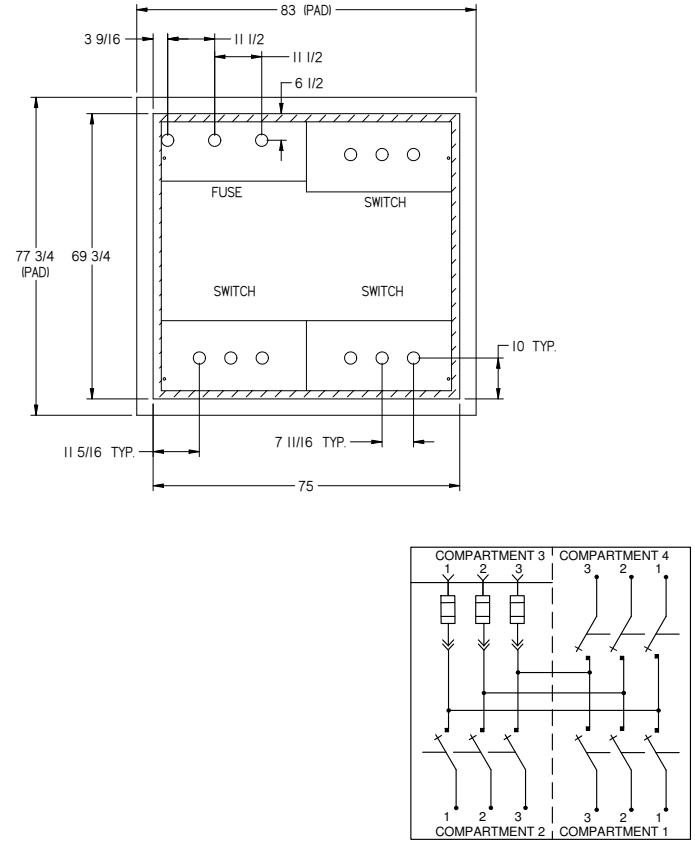
PLD-6



PLD-9



PLD-11



Typical dimensions and configurations for models of Federal Pacific PLD Pad-Mounted Switchgear. Refer to factory for other available circuit configurations. (Dimensions not for construction purposes.)