

## Pow-R-Line 3XF Fusible lighting panelboards



# Xpert in selective coordination at high fault currents



Pow-R-Line 3XF

# EATON

Powering Business Worldwide

## Overview

Eaton's Pow-R-Line Xpert™ family includes a fusible lighting panelboard offering. The Pow-R-Line 3XF panelboards offer superior selective coordination on systems with very high fault currents. Eaton's enhanced fusible panelboards offer fault current ratings up to 200 kAIC symmetrical and can easily selectively coordinate with many upstream overcurrent devices.

National Electrical Code® (NEC®) mandates selective coordination for the following applications:

- Article 700.27 (Emergency Systems)
- Article 701.18 (Legally Required Standby Systems)
- Article 708.54 (Critical Operations Power Systems)
- Article 517.26 (Health Care Facilities and Essential Electrical Systems)

The panelboards' high fuse interrupting rating easily exceeds most available fault current levels to help ensure compliance with NEC 110.9 and 110.10. Unlike other fusible panelboard solutions, the Pow-R-Line 3XF panelboards have the same width as traditional lighting panelboards (20 inches) and is just 5.75 inches deep; however, the height is dependent on the number of circuits and the rating of the main.

Pow-R-Line 3XF panelboards use Eaton's Busmann® brand Low-Peak® CUBEFuses® with the exclusive Compact Circuit Protector Base (CCP2B).

- CCP2B incorporates an interlock that prevents removing a fuse while energized
- Its fuse ampacity rejection feature coincides with standard fuse sizing
- Copper conductor ampacities help prevent over-fusing
- The CCP2B is UL® 98 Listed as a branch circuit disconnect and is used exclusively with the CUBEFuse technology

### Panelboard ratings

- Panelboard: UL 67 Listed
- Enclosures: UL 50 Listed
- Branch CCP2B: UL 98 Listed
- 240 Vac, 480Y/277 Vac, 480 Vac and 125 Vdc
- Main lugs or main fused disconnect switch
- Up to 200 kAIC symmetrical short-circuit current rating
- 100 A, 200 A and 400 A bussing
- Branch devices: 15–100 A
- Fusing: 1–100 A

### Panelboard features

- 18-, 30- and 42-branch circuit configurations
- Single-pole, two-pole and three-pole branch devices
- Top or bottom feed
- EZ Box™ and EZ Trim™ enclosures
- Spare fuse holder (up to six fuses) standard
- Ground bus

### Panelboard optional features

- NEMA® Type 3R enclosure (200 A and below)
- Service entrance equipment label
- Isolated ground bus
- Through-feed lugs
- Sub-feed lugs
- Fusible loadside disconnect
- Branch padlock type lock-off
- Surge protective device (SPD)
- Door-in-door trim
- Custom enclosures

### CUBEFuse features

- Finger-safe design
- Type 2 protection for motor applications
- Smallest footprint of any power fuse
- Class J time delay performance

### Eaton's Pow-R-Line 3XF applications

- Hospitals
- Surgery centers
- Emergency systems
- Fire stations
- Police stations
- Laboratories
- Communication systems
- Ventilation and smoke removal systems
- Critical industrial processes
- Data centers
- Other critical or sensitive loads

### Customer orders and shipping

Each Pow-R-Line 3XF panelboard is assembled to the customer's specifications.

Contact your local Eaton sales representative for more information or to obtain a quote.

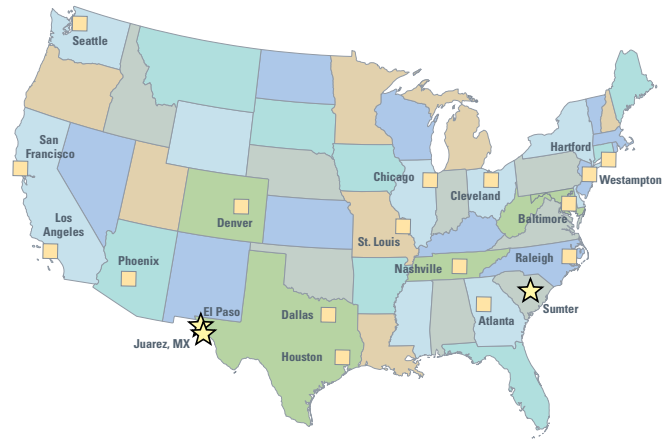
For more information on these panelboards, please refer to Technical Data document (TD01417001E), contact your nearest Eaton sales office or go to [Eaton.com/panelboards](https://www.eaton.com/panelboards).



The Pow-R-Line 3XF uses Eaton's Bussmann CUBEFuse technology. The panelboards are seismically qualified to the International Building Code® (IBC®) for Categories A, B, C and D and also meet building Site Class A, B, C and D requirements. These versatile panelboards provide solutions for high fault current ratings in a fully rated system.



### Branch disconnects



### U.S. satellite map

The Pow-R-Line 3XF is proudly built in Eaton's Denver regional satellite. Eaton satellites can specify, develop and manufacture customized products and solutions locally. Our regional satellites give our customers local access to market knowledge and in-depth technical skills.

Visit [Eaton.com/satellites](https://www.eaton.com/satellites) for more information.



For more information, visit [Eaton.com/panelboards](https://www.eaton.com/panelboards)

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