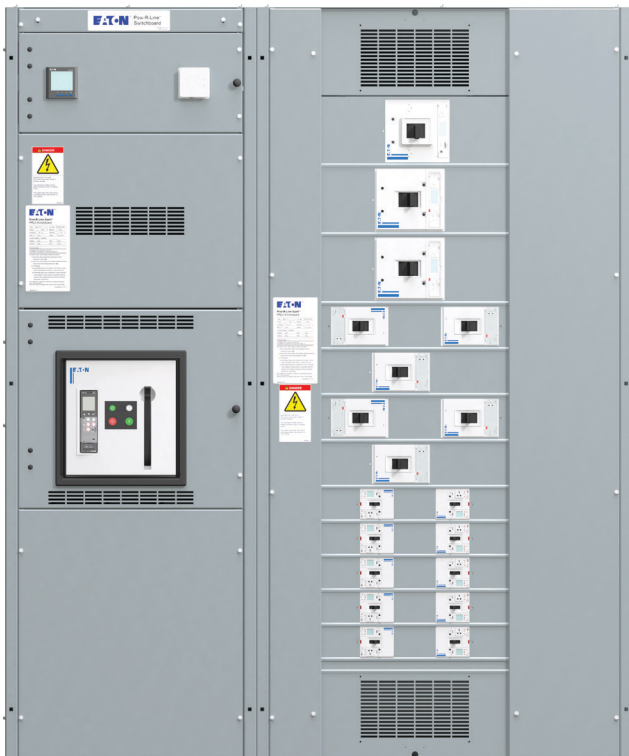


The Pow-R-Line Xpert family

Built at the intersection of experience **and intelligence**



What do you get when you combine over 90 years of experience with industry-first power innovations? The most advanced, most intelligent lineup of panelboards and switchboards in history. Built on a foundation of excellence, the feature-rich Pow-R-Line Xpert® family with Eaton's new Power Defense™ circuit breakers includes built-in communications, energy metering and breaker health diagnostics for safer, more reliable systems.

Features and benefits



PREDICTIVE

Breaker health diagnostics

Monitors and communicates breaker health status, enabling predictive maintenance to avoid costly, unscheduled downtime



CONNECTED

Embedded communications

Helps to reduce cost by eliminating the need for separate communication components and associated wiring



CLEAR VISION

Re-engineered deadfront covers

Offers full visibility to breaker faceplate as well as accessibility to trip units without having to remove deadfront cover



ADAPTABLE

Thru-cover accessories

Easily removable secondary covers designed to install a wide range of accessories in field without voiding factory warranty



PREPARED

Standardizing Arcflash Reduction Maintenance System™ (ARMS) functionality

Enhanced and consistent functionality of industry-leading solution to reduce arc flash energy released during maintenance operations



EFFICIENT

PXPM testing and configuration

PXR trip units equipped with micro-USB connection for secondary injection testing through your PC, saving you labor hours and the cost of expensive test kits



INSIGHTFUL

Integrated metering capabilities

Simplifies installation by current and voltage metering internal to trip unit with no need for external modules

EATON

Powering Business Worldwide

Pow-R-Line Xpert family classification

PRL1X

**Maximum voltage**

240 Vac

Maximum amperage

600 A main
100 A branch
400 A subfeed

Standard provisions

Yes—specified by number of circuits

Product type

Panelboard

Features

- Power Defense molded case circuit breakers
- EZ™ Box and EZ™ Trim standard
- Surge options are available up to 200 kA
- Chassis accepts miniature circuit breaker types BAB and QB
- Integral customer metering options are available

The bottom line: The PRL1X is designed for 240 Vac and below lighting and appliance applications.

PRL2X

**Maximum voltage**

480Y/277 Vac
125/250 Vdc 3 W

Maximum amperage

600 A main
100 A branch
400 A subfeed

Standard provisions

Yes—specified by number of circuits

Product type

Panelboard

Features

- Power Defense molded case circuit breakers
- EZ Box and EZ Trim standard
- Surge options are available up to 200 kA
- Chassis accepts miniature circuit breaker types BAB and QB
- Integral customer metering options are available

The bottom line: The PRL2X is designed for low AIC 480Y/277 Vac, lighting and appliance applications or high AIC 120/208 Vac applications.

PRL3X

**Maximum voltage**

600 Vac
250 Vdc 2 W

Maximum amperage

600 A main, 800 A MLO
225 A branch
400 A subfeed

Standard provisions

No—must be manually added

Product type

Panelboard

Features

- Standard chassis accepts Power Defense molded case circuit breakers
- Can include 1X or 2X sub-chassis for miniature circuit breakers
- EZ Box and EZ Trim standard
- Surge options are available up to 200 kA
- Integral customer metering options are available

The bottom line: The PRL3X is a hybrid lighting and power panel for lighting/appliance and small power distribution and motor applications.

PRL4X

**Maximum voltage**

600 Vac
600 Vdc 2 W

Maximum amperage

1200 A main
1200 A branch

Standard provisions

No—must be manually added

Product type

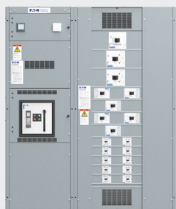
Panelboard

Features

- Standard chassis accepts Power Defense molded case circuit breakers
- Can include 1X or 2X sub-chassis for miniature circuit breakers
- BX type can, DFC only standard
- Complete line of Power Xpert metering options are available
- GFCI on the main circuit breaker is available
- Surge options are available up to 400 kA with integral breaker

The bottom line: The PRL4X is designed for 1200 A and below, service entrance, power distribution and motor applications.

PRLX

**Maximum voltage**

600 Vac
600 Vdc 2 W

Maximum amperage

6000 A main bus

Standard provisions

No—must be manually added

Product type

Switchboard

Features

- Includes Power Defense molded case circuit breakers
- Front or rear accessible
- Utility metering provisions available
- Complete line of Power Xpert metering options are available
- Surge options are available up to 400 kA with integral breaker
- 65 kAIC standard bus bracing; optional 100 or 200 kAIC

The bottom line: The PRLX combines a space-saving design with modular construction and increased systems ratings.

PRLXD

**Maximum voltage**

480 Vac

Maximum amperage

2000–6000 A rated bus

Standard provisions

No—must be manually added

Product type

Switchboard

Features

- Can accommodate the following in a single UL® 891 assembly:
 - 400–4000 A drawout insulated case circuit breakers
 - 70–600 A drawout molded case circuit breakers
 - 20–1200 A fixed group-mounted molded case circuit breakers
- Includes Eaton's Power Defense circuit breaker offering

The bottom line: The PRLXD is a reliable solution that integrates both drawout insulated case and molded case circuit breakers into a single UL 891 assembly.

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