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Panelboards and Lighting Control

EZ Box and EZ Trim

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Type PRL1a Panelboard



Product Description

Eaton’s EZ box and EZ trim represents the first significant change in panelboard box and trim designs in more than a half-century. The EZ box and EZ trim have been designed for faster, more secure and safer installations. The new EZ box and EZ trim are provided standard for Eaton’s Pow-R-Line 1a and Pow-R-Line 2a lighting panelboards, as well as the Pow-R-Line 3a and Pow-R-Line 3E mid-range panelboard.

Features

- Virtually eliminates sharp edges
- Trim installs in seconds rather than minutes
- Door-in-door is standard
- Ability to adjust flush box to wall irregularities
- Trim installs without the need for tools
- No exposed hardware (because there is none)

The EZ box flanges are bent and painted, which virtually eliminates the sharp edges associated with traditional boxes. Additionally, all steel panelboard chassis parts are painted. This significantly reduces potential injury for material handlers and installers. Each flange is adjustable outward up to 3/4-inch (19.1 mm). This feature allows the installer to adjust flush box applications to be level and flat with the finished wall after the wall material is installed to help correct wall irregularities. The new box flange also provides the means for attaching the EZ trim.

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Flange Detail



Standalone Trim and Bottom Flange Hanger with Notch



Corner Flange Detail

Fast Installation

The EZ trim incorporates a groundbreaking design that installs in seconds, rather than minutes. The standard trim features include door-in-door construction; no exposed hardware and no tools are required for installation.

Each EZ trim includes hangers attached on the right side. The bottom trim hanger has a notch in its base. To install, the bottom hanger is inserted into the bottom right side box flange opening, resting the notch on the flange.



Trim Hanger Inserted Into Box Flange

The balance of the hangers are aligned with the other flange openings and pushed in. When all hangers are in the box flange, the trim is lifted up slightly to clear the notch on the bottom hanger, and the trim is self-supported on the EZ box.

The installation is completed by swinging the trim to the closed position, then lifting and pushing slightly to the right. The trim will drop into place totally secured. The multi-point catches on the left side of the trim will lock into the left side box flange openings.

To prevent the trim from being removed by non-authorized persons, a unique sliding means automatically latches in place when the trim door is closed. Along with a new lock, the EZ trim offers a high degree of door security.

Standards and Certifications

When used with Eaton's panelboard chassis, EZ boxes and EZ trims meet the following applicable industry standards:

- UL 50 listed
- NEMA Standard PB1
- Federal specifications
- National Electrical Code



Trim Hanging on Surface Mounted Box

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Panelboards and Lighting Control

EZ Box and EZ Trim

Product Selection

Boxes and Trims Only—Type 1

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Types PRL1a, PRL2a

Box Dimensions—Inches (mm)	Height	YS Box Catalog Number	LT Trim Catalog Number	EZ Box ^① Catalog Number	EZ Trim ^① Catalog Number
20.00 W x 5.75 D (508.0 W x 146.1 D)	36.00 (914.4)	YS2036	LT2036S or F	EZB2036R	EZT2036S or F
	42.00 (1066.8)	YS2042	LT2042S or F	EZB2042R	EZT2042S or F
	48.00 (1219.2)	YS2048	LT2048S or F	EZB2048R	EZT2048S or F
	60.00 (1524.0)	YS2060	LT2060S or F	EZB2060R	EZT2060S or F
	72.00 (1828.8)	YS2072	LT2072S or F	EZB2072R	EZT2072S or F
	90.00 (2286.0)	YS2090	LT2090S or F	EZB2090R	EZT2090S or F

Type PRL3a

Box Dimensions—Inches (mm)	Height	YS Box Catalog Number	LT Trim Catalog Number	EZ Box ^① Catalog Number	EZ Trim ^① Catalog Number
20.00 W x 5.75 D (508.0 W x 146.1 D)	36.00 (914.4)	YS2036	LTV2036S or F	EZB2036R	EZTV2036S or F
	48.00 (1219.2)	YS2048	LTV2048S or F	EZB2048R	EZTV2048S or F
	60.00 (1524.0)	YS2060	LTV2060S or F	EZB2060R	EZTV2060S or F
	72.00 (1828.8)	YS2072	LTV2072S or F	EZB2072R	EZTV2072S or F
	90.00 (2286.0)	YS2090	LTV2090S or F	EZB2090R	EZTV2090S or F

Type PRL3a (800 A)

Box Dimensions—Inches (mm)	Height	YS Box Catalog Number	LT Trim Catalog Number
28.00 W x 5.75 D	36.00 (914.4)	YS2836	LTV2836S or F
	48.00 (1219.2)	YS2848	LTV2848S or F
	60.00 (1524.0)	YS2860	LTV2860S or F
	72.00 (1828.8)	YS2872	LTV2872S or F
	90.00 (2286.0)	YS2890	LTV2890S or F

Note

^① EZ box must be used with EZ trim.