

EATON

Cutler-Hammer

EZ™ Box and EZ™ Trim

Product Focus



Flange Detail

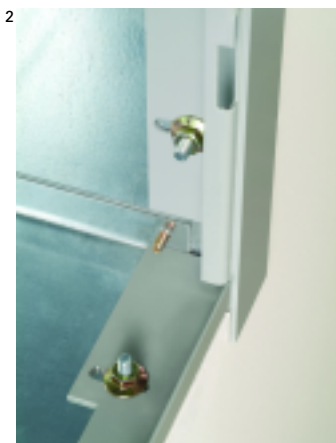
Eaton's new EZ box and EZ trim represents the first significant change in panelboard box and trim designs in more than a half-century. The EZ box and EZ trim have been designed for faster, more secure and safer installations. The new EZ box and EZ trim are provided standard for Cutler-Hammer® Pow-R-Line®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

Features

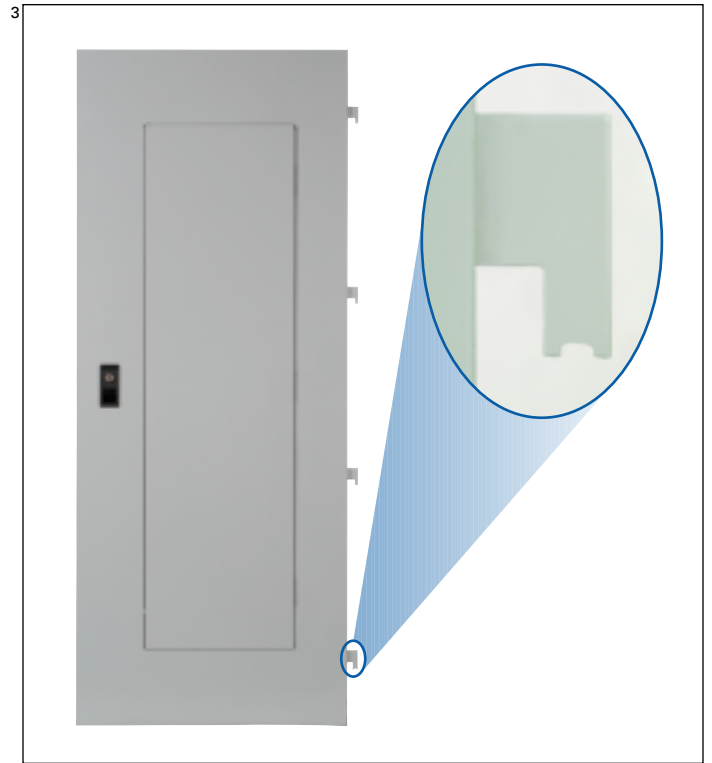
- Virtually eliminates sharp edges.
- Trim installs in seconds rather than minutes.
- Door-in-door standard.
- Ability to adjust flush box to wall irregularities.
- Trim installs without the need for tools.

- No exposed hardware (because there is none).
- Multipoint door latch over breakers.

One of the first things you will notice is that the EZ box flanges are bent and painted, which virtually eliminates the sharp edges associated with traditional boxes. (See Photo 1.) Additionally, we have painted all steel panelboard chassis parts. This significantly reduces potential injury for material handlers and installers. The second thing that you will notice is that these flanges are bolted to the box. Each flange is adjustable outward up to 3/4 inch. 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. (See Photo 2.) The new box flange also serves a vital role for attaching the EZ trim.



Corner Flange Detail



Stand-alone Trim and Bottom Flange Hanger with Notch

Fast Installation

The EZ trim incorporates a patent pending, 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. (See Figure 3.) To install, simply insert the bottom

right side box flange opening, resting the notch on the flange. (See Photo 4.)



Trim Hanger Inserted Into Box Flange

Now align the balance of the hangers with the other flange openings and push in. When all hangers are in the box flange, lift up slightly to clear the notch on the bottom hanger, and the trim is self-supported on the EZ box. (See Photo 5.)

To complete the installation, just swing the trim to the closed position, lift up and push to the right slightly and 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. For added safety, a screw is provided to secure the latch for those who require extra security. (See Photo 6.)

We even improved the way that the door over the breakers

is secured. No longer is the door held closed by just a single lock. The new EZ trim utilizes an exclusive catch system that fastens the door to multiple points. Along with a new lock, the EZ trim offers a high degree of door security. (See Photo 7.)

Standards

When used with Eaton's Cutler-Hammer panelboard chassis, EZ boxes and EZ trims

meet the following applicable industry standards:

- UL® 50 listed.
- CSA C22.2 #29.
- NEMA® Standard PB1.
- Federal specifications.
- National Electrical Code®.
- Canadian Electrical Code®.
- We want to prove that the new EZ box and EZ trim is right for you. For more information and a demo, contact your nearest Eaton sales office.



Trim Hanging on Surface Mounted Box



Trim Installed with Door Open and Trim Sliding Latch



New Lock

Cutler-Hammer and Pow-R-Line are registered trademarks of Eaton Corporation. EZ trim is a trademark of Eaton Corporation. UL is a federally registered trademark of Underwriters Laboratories Inc. NEMA is the registered trademark and service mark of the National Electrical Manufacturers Association. National Electrical Code and NEC are registered trademarks of the National Fire Protection Association, Quincy, Mass.

Eaton Electrical
3228 South Service Road
Burlington, ON L7N 3H8
Canada
tel: 1-800-268-3578
www.EatonElectrical.ca

© 2005 Eaton Corporation
All Rights Reserved
Printed in Canada
Publication No. PA01406001K
November 2005

