

The best just got better



The introduction in 2004 of Eaton's EZ Box and EZ Trim™ revolutionized panelboard boxes and trims, winning multiple national awards for innovation and design. Today, the best just got better with the introduction of the Next Generation or "Next Gen" EZ Trim.

While the EZ Box remains unchanged, the Next Gen EZ Trim represents changes suggested by the industry. Improvements include an updated, robust lock, which has been moved to the trim door; a new anti-lift latch; and even new packaging to protect the trim from shipping and handling damage.

Features

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

EZ Box remains unchanged. The box features flanges that are bent and painted, which virtually eliminates the sharp edges associated with traditional boxes. (See **Photo 1.**) This is in addition to painted steel parts on the panelboard chassis, which virtually eliminates sharp edges. This significantly reduces potential injury for material handlers and installers. The painted flanges are bolted to the box. Each flange is adjustable outward up to 0.75 inch. This 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 ensuring a proper fit. (See **Photo 2.**)



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Photo 1. Flange Detail

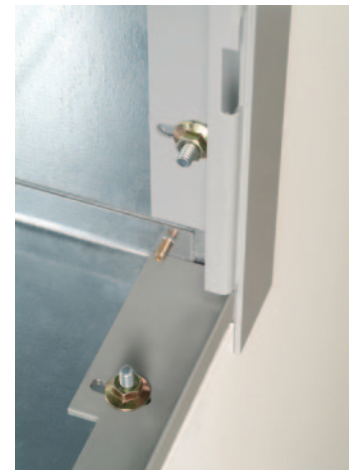


Photo 2. Corner Flange Detail

Fast installation

The Next Gen EZ Trim incorporates a unique design that allows the trim to be installed in seconds, rather than minutes. Trim removal is just as fast. The Next Gen EZ Trim saves time and money during the installation and maintenance process. The standard trim features include door-in-door construction; there is no exposed hardware, and no tools are required for installation.

Each Next Gen EZ Trim includes hangers attached on the right side. The bottom trim hanger has a notch in its base. (See **Figure 1.**) To install, simply insert the bottom hanger into the bottom right side box flange opening, resting the notch on the flange. (See **Photo 3.**)

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 4.**)

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 unauthorized people, a unique sliding means automatically engages when the door over the breakers is closed and latches in place. (See **Figure 2.**)

The Next Gen EZ Trim has a totally redesigned door lock. The upgraded door lock integrates a heavy-duty steel handle with an integrated key lock. Even the lock hinge has been reinforced to secure the trim door. For larger trims, a second latch, similar to the lock, is used. Once closed, the lock secures the door. (See **Photo 5.**)

Even the packaging has been upgraded on the Next Gen EZ Trim to help minimize shipping and handling damage.

Standards

When used with Eaton's panel-board chassis, EZ Boxes and Next Gen EZ Trims meet the following applicable industry standards:

- UL® 50 Listed
- NEMA® Standard PB1
- Federal specifications
- National Electrical Code®

We want to prove that the EZ Box and EZ Trim are right for you. For more information, contact your nearest Eaton sales office.



Photo 3. Trim Hanger Inserted into Box Flange



Photo 5. New Lock



Photo 4. Trim Hanging on Surface Mounted Box

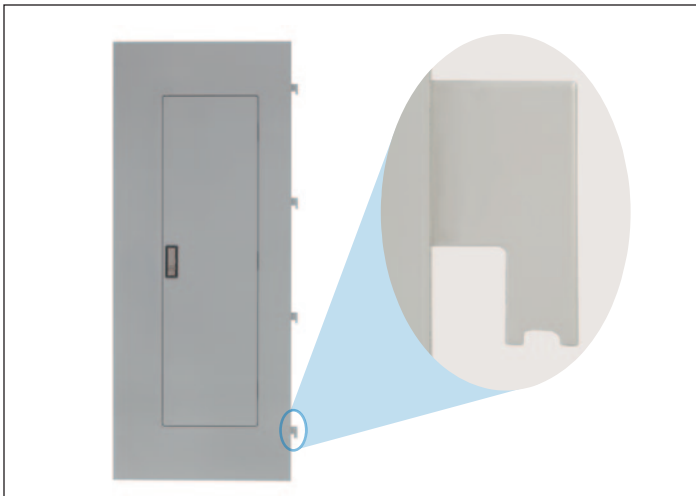


Figure 1. Standalone Trim and Bottom Flange Hanger with Notch



Figure 2. Trim Installed with Door Open and Anti-Lift Slide Bracket

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