

# Introducing the BR and CH plug-on neutral portfolio.

Products as professional as our customers.

QUICK

EASY

CLEAN

Quicker, easier and cleaner than the competition. Introducing the BR and redesigned CH plug-on neutral portfolio from Eaton. Eaton's latest development in loadcenters and breakers has been redesigned to improve safety and ease of installation, and reduce installation time while offering a more professional look and feel.

At Eaton, we're driven by a desire to improve your experience, which is why we used customer feedback to prioritize what is truly important for the product. Your experience is important to us, so we wanted to make sure we incorporated the right features and functions into our design.

The plug-on neutral portfolio will be available in 2018, including a full line of BR and CH single phase loadcenters, 12 spaces and above, available in both NEMA 1 indoor and NEMA 3R outdoor type.

## Taking your feedback into account, here are some of the improvements we made to the plug-on neutral portfolio.

- Redesigned the BR electronic breakers into a short-body to optimize gutter space and save time with an easier, more succinct installation process.
- Unique self-leveling tabs to allow for quick drywall offset.
- Added keyhole hanging feature on cover for ease of installation.
- Inboard neutral to increase the gutter space for easier installation of conductors.
- Common drive types on screw connections for added simplicity and convenience.
- Upgraded to embossed circuit numbers for a more clean and professional look.



Powering Business Worldwide

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# BR and CH plug-on neutral (PON) features and benefits

## QUICK

## EASY

## CLEAN

### Shared features across the BR and CH PON offerings:

#### Q Plug-on neutral:

- E Eliminates the pigtail connection providing time and labor savings
- C Provides a professional installation

#### E Optimized knockouts:

- Optimized knockout locations for additional access
- Easier to remove

#### Q Inboard neutral:

- E Increases gutter space to allow for professional installation of conductors

#### Q Drywall offset: (on both sides of the can):

- E Self-leveling tabs allow for quick drywall offset

#### C Smooth case edges:

- Providing a more professional look and feel

#### E 2/0 Lug:

- Easily removable and can be installed in any location on the neutral bar

#### Q Grounding screw:

- E Grounding screw replaces Z-strap to provide a quick and easy means of bonding the neutral and ground

### Common drive types:

- Q Minimizes number of tools required for installation as the neutral bar and breaker screws will share a common drive type



Image above represents the BR PON offering

### Features specific to BR PON offering:

#### Q BR short-body PON breakers:

- E Short-body configuration maximizes gutter space providing ease of installation of the conductors
- C Reduced clutter of pigtails provides a clean gutter space
- Quick and clean installation, along with a consistent form and fit

#### Q Backed out neutral screws:

- Allows for quick connection of neutral and ground conductors

### 10 year warranty on BR loadcenters and circuit breakers

### Features specific to CH PON offering:

#### C One piece silver flashed copper bus:

- Provides superior conductivity, corrosion resistance, and durability

#### C Unique sandalwood finish:

- Aesthetically appealing, scratch-resistant powder coating

#### E Full length neutral bars:

- Offers additional terminations to land the neutral and ground conductors

#### E CHF AFCI/GFCI/Thermal magnetic breakers:

- Mechanical flag for trip indication (on thermal mag, AFCI & GFCI)
- All CH breakers provide 2 position handle with simple 1 step reset

#### E Separately packaged covers for the CH loadcenters:

- Help protect from shipping damage

### Limited lifetime warranty on all CH loadcenters and circuit breakers (including electronic breakers)

### Cover features:

#### E Improved twist-outs:

- Easier to remove twistouts

#### C Embossed circuit numbers:

- Durable circuit numbering with added marking for twin breakers

#### E Keyhole hanging feature:

- Ease of cover installation

#### C Rigid cover spine:

- Provides strength when twistouts are removed