



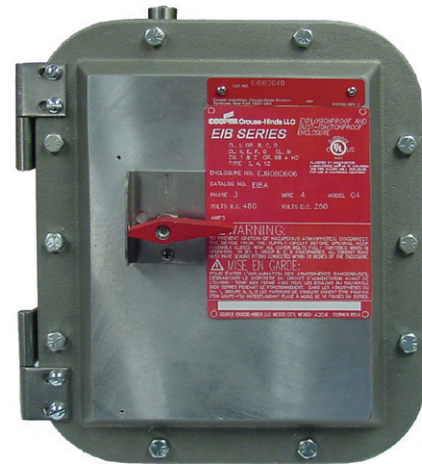
## EIB series

### Compact circuit breaker assemblies with covers

The EIB utilizes the EJB style D enclosure with its bolted construction, NEMA 4 environmental protection and Class I, Division 1, Groups B, C and D hazardous area ratings. The EIB is a cost-effective solution for circuit breaker protection and utilizes Cutler-Hammer Type EG or PDG circuit breakers. Circuit breaker protection is available from 15 to 100 amperes.

#### Features:

- Small, compact footprint requires less mounting space and reduces enclosure cost
- Rotary handle operator mounted on cover assembly provides clear indication of ON, OFF and TRIP positions
- No internal fork operator, eliminating potential damage to breaker toggle
- Trip position easily identified from a distance
- Neoprene cover gasket provides UL Type 4 (hose-tight) environmental rating
- Detachable mounting feet offer flexible mounting alternatives – no need to replace the entire enclosure if a mounting foot is broken
- Stainless steel hinges provide extreme durability and easy access to inside of enclosure for wiring and maintenance
- Two 1 1/2" NPT conduit entries, one on top and one on bottom, for easy top or bottom feed of conductors; for field addition of breather and/or drain, holes come plugged
- Provides lockout/tagout capability which complies with OSHA requirements, allowing for locking in the ON or OFF position for standard maintenance checks



#### Certifications and compliances:

- Class I, Divisions 1 & 2, Groups B, C, D
- Class I, Zones 1 & 2
- Class II, Division 1, Groups E, F, G
- Class III
- Enclosure Type 3, 3R, 4, 7BCD, 9EFG
- NEMA 3, 3R, 4, 7BCD, 9EFG
- UL standard: UL1203
- cUL to CSA C22.2 No. 30

#### Standard materials:

- Body and cover – copper-free aluminum
- Gasket – neoprene
- Cover bolts – steel
- Hinges – stainless steel
- Mounting plate sheet – aluminum

#### Electrical ratings:

- 600V maximum
- 3-pole

#### Ampere interrupting capacity:

- All EIB enclosures are rated to 10kAIC
- Eaton Type EG breaker AIC ratings:
  - 240V: 35kAIC
  - 480V: 25kAIC
  - 600V: 18kAIC
- Eaton Type PDG breaker AIC ratings:
  - 240V: 35kAIC
  - 480V: 25kAIC
  - 600V: 14kAIC

#### Standard finishes:

- Copper-free aluminum – natural
- Steel – electrogalvanized



Powering Business Worldwide

# Ordering information

Part number example

**EIBA3015S756V**

**EIB**

**A**

**3015**

**S756V**

## Enclosure size\*

<b>A</b>	Size A enclosure for 15A-35A breakers
<b>B</b>	Size B enclosure for 40A-100A breakers

\*Use part numbers EIBA or EIBB to order enclosure only without breaker.

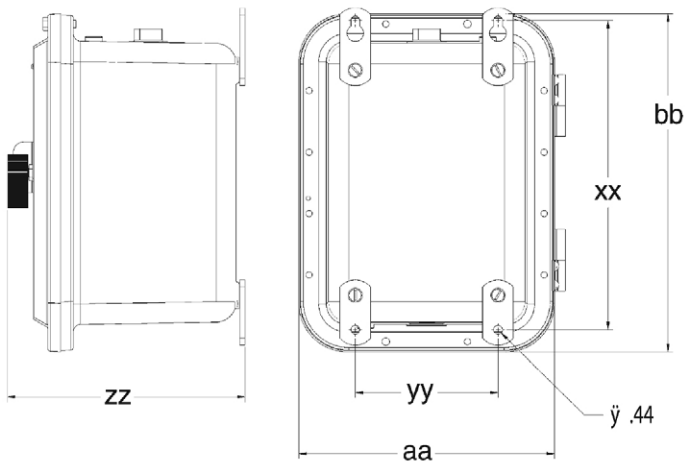
## Breaker size

<b>3015</b>	15A breaker	<b>3050</b>	50A breaker
<b>3020</b>	20A breaker	<b>3060</b>	60A breaker
<b>3025</b>	25A breaker	<b>3070</b>	70A breaker
<b>3030</b>	30A breaker	<b>3080</b>	80A breaker
<b>3035</b>	35A breaker	<b>3090</b>	90A breaker
<b>3040</b>	40A breaker	<b>3100</b>	100A breaker
<b>3045</b>	45A breaker		

## Options

<b>S146</b>	Insulated neutral lug
<b>S178</b>	Grounded neutral Lug kit w/connectors for 50, 100 & 225 amps
<b>S214</b>	External Ground Stud
<b>S756V</b>	Breather and drain
<b>S752</b>	Epoxy Powder Coat Finish (exterior only)
<b>S753</b>	Epoxy Powder Coat Finish (exterior and interior)

## Dimensions:



Dimension	Size A	Size B
<b>aa</b>	10.47"	12.53"
<b>bb</b>	12.47"	16.53"
<b>xx</b>	11.13"	15.13"
<b>yy</b>	5.00"	7.00"
<b>zz</b>	9.60"	11.66"
<b>Mounting holes</b>	7/16"	7/16"

## Weights:

Dimension	lbs.	kg.
<b>EIBA</b>	39	17.69
<b>EIBB</b>	58	26.30