

## Compact Circuit Breaker Assemblies With Covers

Cl. I, Div. 1 & 2, Groups B, C, D  
 Cl. I, Zones 1 & 2  
 Cl. II, Div. 1, Groups E, F, G  
 Cl. III  
 NEMA 3, 3R, 4, 7BCD, 9EFG  
 UL Standard: 1203 cUL to CSA C22.2 No. 30

The EIB Series Compact Circuit Breaker Assemblies are an innovative line of explosionproof motor control now being offered by Eaton's Crouse-Hinds. The EIB series utilizes the EJB style D enclosure with its bolted construction, NEMA 4 environmental protection and Class I, Division 1, Group B, C and D hazardous area ratings. The EIB series is a cost-effective solution for circuit breaker protection and utilizes the Cutler-Hammer Type EG circuit breakers. Circuit breaker protection is available from 15 to 100 amps.

### 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
- (2) 1½" 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 and G
- Class III
- Enclosure type 3, 3R, 4, 7BCD, 9EFG
- NEMA 3, 3R, 4, 7BCD, 9EFG
- UL Standard 1203
- 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

### Standard Finishes:

- Copper-free Aluminum – Natural
- Steel – Electrogalvanized

### Options:

Description	Suffix
Insulated Neutral Lug .....	<b>S146</b>
Grounded Neutral Lug Kit with Connectors for 50, 100 & 225 Amps .....	<b>S178</b>
External Ground Stud .....	<b>S214</b>
Breather and Drain .....	<b>S756V</b>
Epoxy Powder Coat Finish (exterior only) .....	<b>S752</b>
Epoxy Powder Coat Finish (exterior and interior) .....	<b>S753</b>



### Ordering Information:

Circuit Breaker Rating (amps)	Enclosure Only	Enclosure with Circuit Breaker
15	EIBA	<b>EIBA3015</b>
20	EIBA	<b>EIBA3020</b>
25	EIBA	<b>EIBA3025</b>
30	EIBA	<b>EIBA3030</b>
35	EIBA	<b>EIBA3035</b>
40	EIBB	<b>EIBB3040</b>
45	EIBB	<b>EIBB3045</b>
50	EIBB	<b>EIBB3050</b>
60	EIBB	<b>EIBB3060</b>
70	EIBB	<b>EIBB3070</b>
80	EIBB	<b>EIBB3080</b>
90	EIBB	<b>EIBB3090</b>
100	EIBB	<b>EIBB3100</b>

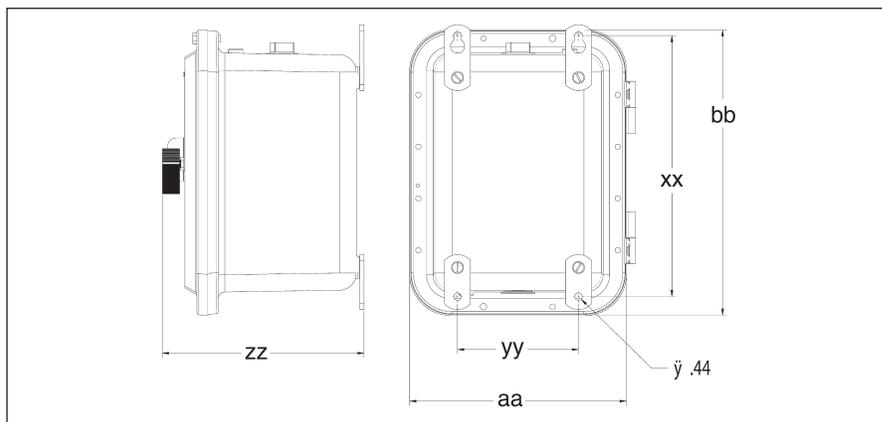
### Electrical Ratings:

- 600V maximum
- 3 poles
- Ampere Interrupting Capacity:
  - All EIB enclosures are rated to 10k AIC
  - Eaton Type EG Breaker AIC ratings:
    - 240V: 35k AIC
    - 480V: 25k AIC
    - 600V: 18k AIC

### Weights:

EIBA	39 lbs.
EIBB	58 lbs.

### Dimensions In Inches:



Dimension	Size A	Size B
aa	10.47"	12.53"
bb	12.47"	16.53"
xx	11.13"	15.13"
yy	5.0"	7.0"
zz	9.6"	11.66"
Mounting Holes	7/16"	7/16"