

EIB 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

3C

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 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, 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

Standard finishes:

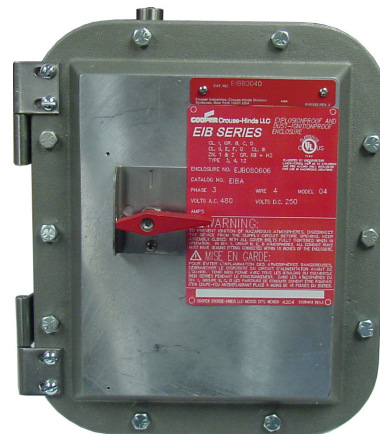
- Copper-free aluminum – natural
- Steel – electrogalvanized

Options:

Description	Suffix
• Insulated neutral lug	S146
• Grounded neutral lug kit with connectors	S178
For 50, 100, 225A	
• External ground stud	S214
• Breather and drain	S756V
• External epoxy powder coat finish	S752
• Internal and external epoxy powder coat finish	S753

Ordering information:

Amperage	Cat. # Without circuit breaker	Cat. # With circuit breaker
15	EIBA	EIBA3015
20	EIBA	EIBA3020
25	EIBA	EIBA3025
30	EIBA	EIBA3030
35	EIBA	EIBA3035
40	EIBB	EIBB3040
45	EIBB	EIBB3045
50	EIBB	EIBB3050
60	EIBB	EIBB3060
70	EIBB	EIBB3070
80	EIBB	EIBB3080
90	EIBB	EIBB3090
100	EIBB	EIBB3100



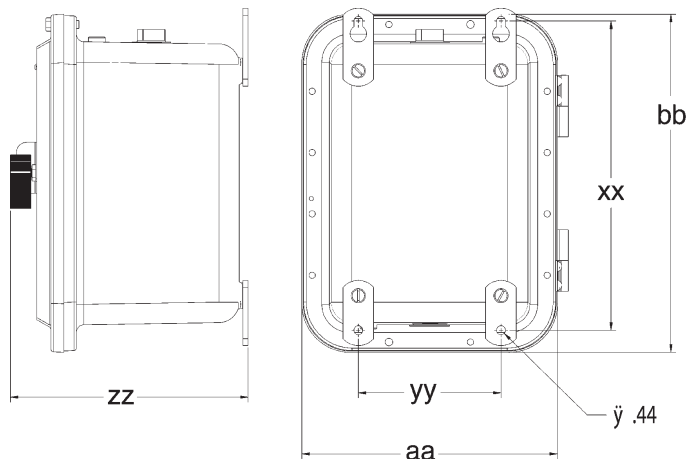
Electrical ratings:

- 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

Dimensions (in inches):



Dimension	Size A	Size B
aa	10.47	12.53
bb	12.47	16.53
xx	11.13	15.13
yy	5.00	7.00
zz	7.65	9.75
Mounting holes	7/16	7/16

Weights:

Model	Weight (lbs.)
EIBA	24.00
EIBB	45.00