

NEW EIB BREAKER ASSEMBLY

The EIB Series of compact circuit breaker assemblies is an innovative line of explosion-proof motor control now being offered by Cooper 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.



- Compact Enclosure
- Bolted Construction
- NEMA 4 environmental protection
- Class I, Division 1, Group B, C and D hazardous area ratings

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FEATURES

- Small compact footprint
- Rotary handle operator mounted on cover assembly
- No internal fork operator
- Trip position easily identified
- Neoprene cover gasket
- Detachable mounting feet
- Stainless steel hinges
- (2) 1½" NPT conduit entries, one on top and one on bottom
- (2) ½" NPT conduit entries, one on top and one on bottom

BENEFITS

- Less mounting space required and reduced enclosure cost
- Definite on, off and trip positions
- Will not damage breaker toggle
- Can identify from a distance
- Provides UL Type 4 (hose-tight) environmental rating
- Provides flexible mounting alternatives, no need to replace the entire enclosure if a mounting foot is broken
- Easy access to inside enclosure for wiring and maintenance
- For easy top or bottom feed of conductors
- For field addition of breather and/or drain; holes come plugged

CERTIFICATIONS

- 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, and 4*, 7BCD, 9EFG
- NEMA 3, 3R, 4, 7BCD, 9EFG
- UL Standard 886
- cUL to CSA C22.2 No. 30

*Not applicable when ordered with the S756V option

ELECTRICAL RATINGS

- 480 volts
- 3 poles
- 10,000 AIC max.

STANDARD MATERIALS

- Body and Cover — Copper-free aluminum
- Gasket — Neoprene
- Cover Bolts — Steel
- Hinges — Stainless Steel
- Mounting Plate Sheet — Aluminum

FINISHES

- Copper-free Aluminum — natural
- Steel — Electro-galvanized

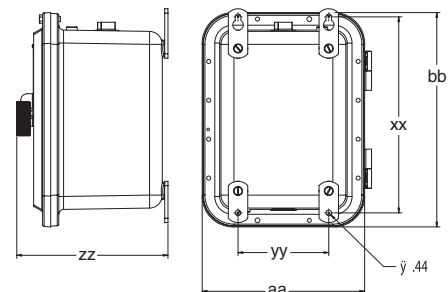
WEIGHTS

- EIBA 39 lbs
- EIBB 58 lbs

ORDERING INFORMATION

Circuit Breaker Rating (amps)	Enclosure Only	Enclosure 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

DIMENSIONS



	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"

OPTIONS

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

For more information:

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