Enclosed Breakers



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Enclosed Breakers

Product Overview

Eaton enclosed breakers offer all the advantages of circuit breakers packed in an enclosure for 240 Vac applications and include a wide range of accessories.

Product Description

- 100–225 A, 240 Vac maximum
- NEMA 1 general purpose—surface or flush mounting
- NEMA 3R rainproof surface mounting

Standards and Certifications

- UL 489
- CSA 22.2
- NEMA 250

UL Listed

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Product Selection

Single-Phase and Three-Phase Circuit Breaker Enclosures—10/25 kAIC

ECC225R



Type ECC Circuit Breaker Enclosure—Order Type CC Circuit Breaker Separately

Main Ampere Rating	Unit Enclosure Type	Mounting Type	Circuit Breaker Type	Wire Size Range Cu/Al 60 °C or 75 °C	Catalog Number
Single- and Three-Phase—240 Vac Maximum					
100	Indoor	Surface	CCVH factory installed (25 kAIC)	#4–4/0	**ECCVH100S** ①②③
150	Indoor	Surface	CCVH factory installed (25 kAIC)	#4–4/0	**ECCVH150S** ①②③
200	Indoor	Surface	CCVH factory installed (25 kAIC)	#2/0–300 kcmil	**ECCVH200S** ①②③
100	Outdoor	—	CCVH factory installed (25 kAIC)	#4–4/0	**ECCVH100R** ①②④
150	Outdoor	—	CCVH factory installed (25 kAIC)	#4–4/0	**ECCVH150R** ①②④
200	Outdoor	—	CCVH factory installed (25 kAIC)	#2/0–300 kcmil	**ECCVH200R** ①②④
225	Indoor	Flush	CC/CCV/CCH	⑥	**ECC225F** ②③⑤
225	Indoor	Surface	CC/CCV/CCH	⑥	**ECC225S** ②③⑤
225	Outdoor	—	CC/CCV/CCH	⑥	**ECC225R** ②③④⑤

CCV2200



Circuit Breaker 240 Vac for Use in Type ECC Enclosures

Ampere Rating	Wire Size Range Cu/Al 60 °C or 75 °C for Line Terminals	Type CCV and CC 10 kAIC Catalog Number	Type CCVH/CCH 25 kAIC Catalog Number
Two-Pole			
60	#2–300 kcmil	**CCV2060**	**CCVH2060**
70		**CCV2070**	**CCVH2070**
80		**CCV2080**	**CCVH2080**
90		**CCV2090**	**CCVH2090**
100		**CCV2100**	**CCVH2100**
125		**CCV2125**	**CCVH2125**
150		**CCV2150**	**CCVH2150**
175		**CCV2175**	**CCVH2175**
200		**CCV2200**	**CCVH2200**
225		**CCV2225**	**CCVH2225**
Three-Pole			
100	#2–300 kcmil	**CC3100**	**CCH3100**
125		**CC3125**	**CCH3125**
150		**CC3150**	**CCH3150**
175		**CC3175**	**CCH3175**
200		**CC3200**	**CCH3200**
225		**CC3225**	**CCH3225**

Shunt Trips and Auxiliary Contacts

Description Type	Volts	Catalog Number Suffix Adder ⑦
Shunt Trip		
CC	12 DC	**SR12**
CC	24 DC	**SR24**
CC	120 AC	**SR01**
CC	208 AC	**SR08**
CC	240 AC	**SR02**
CCV	48–127 AC/48–60 DC	**SR01**
CCV	9–24 AC/12–24 DC	**SR02**
CCV	208–380 AC/100–127 DC	**SR04**
Auxiliary Contact		
CC 1NO and 1NC	—	**AL1**

Dimensions

Approximate Dimensions in Inches (mm)

ECC Unit Enclosures—NEMA Type 1 Indoor

Height	Width	Depth
23.25 (590.6)	8.88 (225.4)	4.50 (114.3)

ECC Unit Enclosures—NEMA Type 3R Outdoor

Height	Width	Depth
23.68 (601.7)	9.31 (236.5)	5.44 (138.1)

Notes

① Factory-installed CCVH breaker.
② Approved for service entrance.
③ One ground lug accepting (1) #14–#2 is factory installed. Also, there are pre-drilled holes to accept a GBK5 ground bar.
④ Rainproof panels are furnished with hub closures plates. For rainproof hubs, refer to **Page V1-T1-67**.
⑤ Order circuit breaker separately.
⑥ Wire size is determined by the circuit breaker installed in enclosure.
⑦ Add suffix indicated to end of breaker catalog number.