

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

Contents

<i>Description</i>	<i>Page</i>
Product Selection	V1-T1-95
Dimensions	V1-T1-95

Standards and Certifications

- UL 489
- CSA 22.2
- NEMA 250



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			
100	#4–4/0	CCV2100	CCVH2100
125		CCV2125	CCVH2125
150		CCV2150	CCVH2150
175	#2/0–300 kcmil	CCV2175	CCVH2175
200		CCV2200	CCVH2200
225		CCV2225	CCVH2225
Three-Pole			
100	#4–4/0	CC3100	CCH3100
125		CC3125	CCH3125
150		CC3150	CCH3150
175	#2/0–300 kcmil	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	SR24
Auxiliary Contact		
CC 1N0 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-T1-66**.
- 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.