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CB2200 Series Supplemental Circuit Breakers

CB2200 Series



Dimensions in mm

Technical Data

Rated voltage & current†	UL
	CSA
	VDE
Auxiliary contacts	250 VAC / 65 VDC, 1 A
Creepage resistance	PTI 600 to IEC 112
Dielectric strength	3,000 VAC; IEC 664 & 664 A
Insulation resistance	> 100 MΩ (DC 500 V)
Interrupting capacity	Rated current Rated voltage Rupture capacity (3 times)
(VDE 0660, Part 101, P-2)	0.05...0.8 A 250 / 415 VAC 400 A
	6...32 A 250 / 415 VAC 800 A
Interrupting capacity	Rated current Rated voltage Max. rupture capacity (3 times)
(UL 1077/EN 60934 PC1)	0.1...16 A 277 / 480 VAC 5000 A
	20...32 A 277 / 480 VAC 2000 A
	0.1...32 A 65 VDC 2000 A
Typical life at 2 x rated current	5,000 operations
Shock	25 g (11 ms) to IEC 68-2-27, Test Ea
Torque	0.6 (5.3) Nm (lb. in.) Auxiliary contact: 0.5 (4.4)
Vibration	5 g (57 to 500 Hz / ±0.38 mm, 10 to 57 Hz) to IEC 68-2-6, Test Fc
Temperature range	-30...+60°C (-22°F...+140°F)
Corrosion	96 hours at 5% salt spray, to IEC 68-2-11, Test Ka
Humidity	240 hours at 95% RH, to IEC 68-2-3, Test Ca
Weight	Approximately 60 g per pole
Wire size (UL)	max 6 mm²...8 AWG max 1.5 mm²...14 AWG (Aux. contact)

Accessories

Jumpers	Daisy Chain 50
Busbars	

Marking Tags

1 2 3 4 5 6	Special print only
1 2 3 4 5 6	Consecutive horizontal
1 2 3 4 5 6	Consecutive vertical

Note: Part numbers shown are for a single card of pre-printed tags numbered 1-50.

†Note: Resistive and inductive loads (0.05 - 16 A)
*Please specify horizontal or vertical print when ordering.

Voltage Ratings		Current Ratings	
277 / 480 VAC (50/60 Hz); 65 VDC		0.1...32 A	
277 / 480 VAC (50/60 Hz); 65 VDC		0.1...32 A	
250 / 415 VAC / 65 VDC		0.1...32 A	

Rated current	Rated voltage	Rupture capacity (3 times)
0.05...0.8 A	250 / 415 VAC	400 A
6...32 A	250 / 415 VAC	800 A

Type	Part No.
BDC 50, 20 A maximum	9970290000
1 pole (CB2200)	9986510000
2 pole (CB2200)	9987360000

DEK 5/6	0490360000*
DEK 5/6	0468660001
DEK 5/6	0468760001

Trip Curves—Thermal Magnetic Type Typical time/current characteristics at 23°C

CB2200 Series

