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CB2200 Series Supplemental Circuit Breakers

Circuit Breakers Thermal Magnetic Type

- Rated from 0.1 to 32.0 amps
- Available in single, double and triple pole configurations
- Offers normally open (N/O) and normally closed (N/C) auxiliary contacts
- Lever-switch trip/reset function
- Mounts on 32mm or 35mm DIN-rail
- UL 1077 recognized
- CSA C22.2 No. 235

CB2200 Series Single Pole



CB2200 Series Double Pole



CB2200 Series Triple Pole



Ordering Data	Type: Single Pole*	Type: Double Pole	Type: Triple Pole
	Current Ratings (amps) / N/O Aux. Part No.	Current Ratings (amps) / N/O-N/C Part No.	Current Ratings (amps) / N/O-N/C Part No.
	0.1 / 9911010005	0.1 / 9912010003	0.1 / 9913010003
	0.2 / 9911020005	0.2 / 9912020003	0.2 / 9913020003
	0.3 / 9911030005	0.3 / 9912030003	0.3 / 9913030003
	0.4 / 9911040005	0.4 / 9912040003	0.4 / 9913040003
	0.5 / 9911050005	0.5 / 9912050003	0.5 / 9913050003
	0.6 / 9911060005	0.6 / 9912060003	0.6 / 9913060003
	0.8 / 9911080005	0.8 / 9912080003	0.8 / 9913080003
	1.0 / 9911100005	1.0 / 9912100003	1.0 / 9913100003
	1.5 / 9911150005	1.5 / 9912150003	1.5 / 9913150003
	2.0 / 9911200005	2.0 / 9912200003	2.0 / 9913200003
	2.5 / 9911250005	2.5 / 9912250003	2.5 / 9913250003
	3.0 / 9911300005	3.0 / 9912300003	3.0 / 9913300003
	4.0 / 9911400005	4.0 / 9912400003	4.0 / 9913400003
	5.0 / 9911500005	5.0 / 9912500003	5.0 / 9913500003
	6.0 / 9911600005	6.0 / 9912600003	6.0 / 9913600003
	8.0 / 9911800005	8.0 / 9912800003	8.0 / 9913800003
	10 / 9921100005	10 / 9922100003	10 / 9923100003
	12 / 9921120005	12 / 9922120003	12 / 9923120003
	15 / 9921150005	15 / 9922150003	15 / 9923150003
	16 / 9921160005	16 / 9922160003	16 / 9923160003
	18 / 9921180005	18 / 9922180003	18 / 9923180003
	20 / 9921200005	20 / 9922200003	20 / 9923200003
	25 / 9921250005		
	32 / 9921320005		

*All part numbers with N/O Auxiliary Contacts on each pole when the main breaker contact is open (in the OFF position)

Ordering Data	Type: Single Pole	Type: Double Pole	Type: Triple Pole
	All part numbers with N/C Auxiliary Contacts on each pole when the main breaker contact is open (in the OFF position)		
	Current Ratings (amps) / Part No.	Current Ratings (amps) / Part No.	Current Ratings (amps) / Part No.
	0.1 / 9911010000	0.1 / 9912010000	0.1 / 9913010000
	0.2 / 9911020000	0.2 / 9912020000	0.2 / 9913020000
	0.3 / 9911030000	0.3 / 9912030000	0.3 / 9913030000
	0.4 / 9911040000	0.4 / 9912040000	0.4 / 9913040000
	0.5 / 9911050000	0.5 / 9912050000	0.5 / 9913050000
	0.6 / 9911060000	0.6 / 9912060000	0.6 / 9913060000
	0.8 / 9911080000	0.8 / 9912080000	0.8 / 9913080000
	1.0 / 9911100000	1.0 / 9912100000	1.0 / 9913100000
	1.5 / 9911150000	1.5 / 9912150000	1.5 / 9913150000
	2.0 / 9911200000	2.0 / 9912200000	2.0 / 9913200000
	2.5 / 9911250000	2.5 / 9912250000	2.5 / 9913250000
	3.0 / 9911300000	3.0 / 9912300000	3.0 / 9913300000
	4.0 / 9911400000	4.0 / 9912400000	4.0 / 9913400000
	5.0 / 9911500000	5.0 / 9912500000	5.0 / 9913500000
	6.0 / 9911600000	6.0 / 9912600000	6.0 / 9913600000
	8.0 / 9911800000	8.0 / 9912800000	8.0 / 9913800000
	10 / 9921100000	10 / 9922100000	10 / 9923100000
	12 / 9921120000	12 / 9922120000	12 / 9923120000
	15 / 9921150000	15 / 9922150000	15 / 9923150000
	16 / 9921160000	16 / 9922160000	16 / 9923160000
	18 / 9921180000	18 / 9922180000	18 / 9923180000
	20 / 9921200000	20 / 9922200000	20 / 9923200000
	25 / 9921250000	25 / 9922250000	25 / 9923250000
	32 / 9921320000	32 / 9922320000	32 / 9923320000

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	(VDE 0660, Part 101, P-2)
Interrupting capacity	(UL 1077/EN 60934 PC1)
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.)
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	
Rated current	Rated voltage	Max. rupture capacity (3 times)	
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	

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

