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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\*

Current Ratings (amps)	N/O Aux. Part No.
0.1	9911010005
0.2	9911020005
0.3	9911030005
0.4	9911040005
0.5	9911050005
0.6	9911060005
0.8	9911080005
1.0	9911100005
1.5	9911150005
2.0	9911200005
2.5	9911250005
3.0	9911300005
4.0	9911400005
5.0	9911500005
6.0	9911600005
8.0	9911800005
10	9921100005
12	9921120005
15	9921150005
16	9921160005
18	9921180005
20	9921200005
25	9921250005
32	9921320005

#### Type: Double Pole

Current Ratings (amps)	N/O-N/C Part No.
0.1	9912010003
0.2	9912020003
0.3	9912030003
0.4	9912040003
0.5	9912050003
0.6	9912060003
0.8	9912080003
1.0	9912100003
1.5	9912150003
2.0	9912200003
2.5	9912250003
3.0	9912300003
4.0	9912400003
5.0	9912500003
6.0	9912600003
8.0	9912800003
10	9922100003
12	9922120003
15	9922150003
16	9922160003
18	9922180003
20	9922200003

#### Type: Triple Pole

Current Ratings (amps)	N/O-N/C Part No.
0.1	9913010003
0.2	9913020003
0.3	9913030003
0.4	9913040003
0.5	9913050003
0.6	9913060003
0.8	9913080003
1.0	9913100003
1.5	9913150003
2.0	9913200003
2.5	9913250003
3.0	9913300003
4.0	9913400003
5.0	9913500003
6.0	9913600003
8.0	9913800003
10	9923100003
12	9923120003
15	9923150003
16	9923160003
18	9923180003
20	9923200003

\*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

Current Ratings (amps)	Part No.
0.1	9911010000
0.2	9911020000
0.3	9911030000
0.4	9911040000
0.5	9911050000
0.6	9911060000
0.8	9911080000
1.0	9911100000
1.5	9911150000
2.0	9911200000
2.5	9911250000
3.0	9911300000
4.0	9911400000
5.0	9911500000
6.0	9911600000
8.0	9911800000
10	9921100000
12	9921120000
15	9921150000
16	9921160000
18	9921180000
20	9921200000
25	9921250000
32	9921320000

#### Type: Double Pole

Current Ratings (amps)	Part No.
0.1	9912010000
0.2	9912020000
0.3	9912030000
0.4	9912040000
0.5	9912050000
0.6	9912060000
0.8	9912080000
1.0	9912100000
1.5	9912150000
2.0	9912200000
2.5	9912250000
3.0	9912300000
4.0	9912400000
5.0	9912500000
6.0	9912600000
8.0	9912800000
10	9922100000
12	9922120000
15	9922150000
16	9922160000
18	9922180000
20	9922200000
25	9922250000
32	9922320000

#### Type: Triple Pole

Current Ratings (amps)	Part No.
0.1	9913010000
0.2	9913020000
0.3	9913030000
0.4	9913040000
0.5	9913050000
0.6	9913060000
0.8	9913080000
1.0	9913100000
1.5	9913150000
2.0	9913200000
2.5	9913250000
3.0	9913300000
4.0	9913400000
5.0	9913500000
6.0	9913600000
8.0	9913800000
10	9923100000
12	9923120000
15	9923150000
16	9923160000
18	9923180000
20	9923200000
25	9923250000
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

