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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: Single Pole*		Type: Double Pole	
Current Ratings (amps)	N/O Aux. Part No.	Current Ratings (amps)	N/O-N/C Part No.
0.1	9911010005	0.1	9912010003
0.2	9911020005	0.2	9912020003
0.3	9911030005	0.3	9912030003
0.4	9911040005	0.4	9912040003
0.5	9911050005	0.5	9912050003
0.6	9911060005	0.6	9912060003
0.8	9911080005	0.8	9912080003
1.0	9911100005	1.0	9912100003
1.5	9911150005	1.5	9912150003
2.0	9911200005	2.0	9912200003
2.5	9911250005	2.5	9912250003
3.0	9911300005	3.0	9912300003
4.0	9911400005	4.0	9912400003
5.0	9911500005	5.0	9912500003
6.0	9911600005	6.0	9912600003
8.0	9911800005	8.0	9912800003
10	9921100005	10	9922100003
12	9921120005	12	9922120003
15	9921150005	15	9922150003
16	9921160005	16	9922160003
18	9921180005	18	9922180003
20	9921200005	20	9922200003

Type: Double Pole		Type: Triple Pole	
Current Ratings (amps)	N/O-N/C Part No.	Current Ratings (amps)	N/O-N/C Part No.
0.1	9912010003	0.1	9913010003
0.2	9912020003	0.2	9913020003
0.3	9912030003	0.3	9913030003
0.4	9912040003	0.4	9913040003
0.5	9912050003	0.5	9913050003
0.6	9912060003	0.6	9913060003
0.8	9912080003	0.8	9913080003
1.0	9912100003	1.0	9913100003
1.5	9912150003	1.5	9913150003
2.0	9912200003	2.0	9913200003
2.5	9912250003	2.5	9913250003
3.0	9912300003	3.0	9913300003
4.0	9912400003	4.0	9913400003
5.0	9912500003	5.0	9913500003
6.0	9912600003	6.0	9913600003
8.0	9912800003	8.0	9913800003
10	9922100003	10	9923100003
12	9922120003	12	9923120003
15	9922150003	15	9923150003
16	9922160003	16	9923160003
18	9922180003	18	9923180003
20	9922200003	20	9923200003

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: Single Pole		Type: Double Pole	
Current Ratings (amps)	Part No.	Current Ratings (amps)	Part No.
0.1	9911010000	0.1	9912010000
0.2	9911020000	0.2	9912020000
0.3	9911030000	0.3	9912030000
0.4	9911040000	0.4	9912040000
0.5	9911050000	0.5	9912050000
0.6	9911060000	0.6	9912060000
0.8	9911080000	0.8	9912080000
1.0	9911100000	1.0	9912100000
1.5	9911150000	1.5	9912150000
2.0	9911200000	2.0	9912200000
2.5	9911250000	2.5	9912250000
3.0	9911300000	3.0	9912300000
4.0	9911400000	4.0	9912400000
5.0	9911500000	5.0	9912500000
6.0	9911600000	6.0	9912600000
8.0	9911800000	8.0	9912800000
10	9921100000	10	9922100000
12	9921120000	12	9922120000
15	9921150000	15	9922150000
16	9921160000	16	9922160000
18	9921180000	18	9922180000
20	9921200000	20	9922200000
25	9921250000	25	9922250000
32	9921320000	32	9922320000

Type: Double Pole		Type: Triple Pole	
Current Ratings (amps)	Part No.	Current Ratings (amps)	Part No.
0.1	9912010000	0.1	9913010000
0.2	9912020000	0.2	9913020000
0.3	9912030000	0.3	9913030000
0.4	9912040000	0.4	9913040000
0.5	9912050000	0.5	9913050000
0.6	9912060000	0.6	9913060000
0.8	9912080000	0.8	9913080000
1.0	9912100000	1.0	9913100000
1.5	9912150000	1.5	9913150000
2.0	9912200000	2.0	9913200000
2.5	9912250000	2.5	9913250000
3.0	9912300000	3.0	9913300000
4.0	9912400000	4.0	9913400000
5.0	9912500000	5.0	9913500000
6.0	9912600000	6.0	9913600000
8.0	9912800000	8.0	9913800000
10	9922100000	10	9923100000
12	9922120000	12	9923120000
15	9922150000	15	9923150000
16	9922160000	16	9923160000
18	9922180000	18	9923180000
20	9922200000	20	9923200000
25	9922250000	25	9923250000
32	9922320000	32	9923320000

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	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

