

# 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)
	0.1	9911010005	0.1
	0.2	9911020005	0.2
	0.3	9911030005	0.3
	0.4	9911040005	0.4
	0.5	9911050005	0.5
	0.6	9911060005	0.6
	0.8	9911080005	0.8
	1.0	9911100005	1.0
	1.5	9911150005	1.5
	2.0	9911200005	2.0
	2.5	9911250005	2.5
	3.0	9911300005	3.0
	4.0	9911400005	4.0
	5.0	9911500005	5.0
	6.0	9911600005	6.0
	8.0	9911800005	8.0
	10	9921100005	10
	12	9921120005	12
	15	9921150005	15
	16	9921160005	16
	18	9921180005	18
	20	9921200005	20
	25	9921250005	25
	32	9921320005	32

Type: Single Pole*	Type: Double Pole	Type: Triple Pole
N/O Aux. Part No.	Current Ratings (amps)	N/O-N/C Part No.
9911010005	0.1	9912010003
9911020005	0.2	9912020003
9911030005	0.3	9912030003
9911040005	0.4	9912040003
9911050005	0.5	9912050003
9911060005	0.6	9912060003
9911080005	0.8	9912080003
9911100005	1.0	9912100003
9911150005	1.5	9912150003
9911200005	2.0	9912200003
9911250005	2.5	9912250003
9911300005	3.0	9912300003
9911400005	4.0	9912400003
9911500005	5.0	9912500003
9911600005	6.0	9912600003
9911800005	8.0	9912800003
9921100005	10	9922100003
9921120005	12	9922120003
9921150005	15	9922150003
9921160005	16	9922160003
9921180005	18	9922180003
9921200005	20	9922200003
9921250005		
9921320005		

Type: Double Pole	Type: Triple Pole
N/O-N/C Part No.	Current Ratings (amps)
9912010003	0.1
9912020003	0.2
9912030003	0.3
9912040003	0.4
9912050003	0.5
9912060003	0.6
9912080003	0.8
9912100003	1.0
9912150003	1.5
9912200003	2.0
9912250003	2.5
9912300003	3.0
9912400003	4.0
9912500003	5.0
9912600003	6.0
9912800003	8.0
9922100003	10
9922120003	12
9922150003	15
9922160003	16
9922180003	18
9922200003	20
	25
	32

Type: Triple Pole
N/O-N/C Part No.
9913010003
9913020003
9913030003
9913040003
9913050003
9913060003
9913080003
9913100003
9913150003
9913200003
9913250003
9913300003
9913400003
9913500003
9913600003
9913800003
9923100003
9923120003
9923150003
9923160003
9923180003
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	Type: Double Pole	Type: Triple Pole
	Current Ratings (amps)	Current Ratings (amps)	Current Ratings (amps)
	0.1	0.1	0.1
	0.2	0.2	0.2
	0.3	0.3	0.3
	0.4	0.4	0.4
	0.5	0.5	0.5
	0.6	0.6	0.6
	0.8	0.8	0.8
	1.0	1.0	1.0
	1.5	1.5	1.5
	2.0	2.0	2.0
	2.5	2.5	2.5
	3.0	3.0	3.0
	4.0	4.0	4.0
	5.0	5.0	5.0
	6.0	6.0	6.0
	8.0	8.0	8.0
	10	10	10
	12	12	12
	15	15	15
	16	16	16
	18	18	18
	20	20	20
	25	25	25
	32	32	32

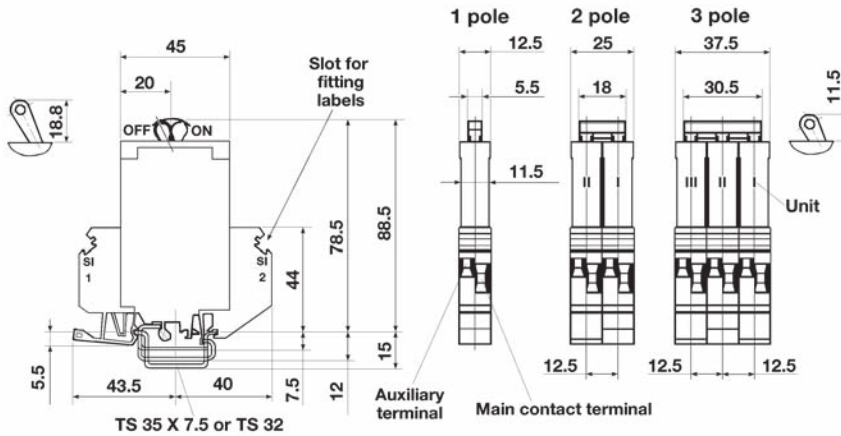
Type: Single Pole	Type: Double Pole	Type: Triple Pole
Part No.	Part No.	Part No.
9911010000	9912010000	9913010000
9911020000	9912020000	9913020000
9911030000	9912030000	9913030000
9911040000	9912040000	9913040000
9911050000	9912050000	9913050000
9911060000	9912060000	9913060000
9911080000	9912080000	9913080000
9911100000	9912100000	9913100000
9911150000	9912150000	9913150000
9911200000	9912200000	9913200000
9911250000	9912250000	9913250000
9911300000	9912300000	9913300000
9911400000	9912400000	9913400000
9911500000	9912500000	9913500000
9911600000	9912600000	9913600000
9911800000	9912800000	9913800000
9921100000	9922100000	9923100000
9921120000	9922120000	9923120000
9921150000	9922150000	9923150000
9921160000	9922160000	9923160000
9921180000	9922180000	9923180000
9921200000	9922200000	9923200000
9921250000	9922250000	9923250000
9921320000	9922320000	9923320000

Type: Double Pole	Type: Triple Pole
Part No.	Part No.
9912010000	9913010000
9912020000	9913020000
9912030000	9913030000
9912040000	9913040000
9912050000	9913050000
9912060000	9913060000
9912080000	9913080000
9912100000	9913100000
9912150000	9913150000
9912200000	9913200000
9912250000	9913250000
9912300000	9913300000
9912400000	9913400000
9912500000	9913500000
9912600000	9913600000
9912800000	9913800000
9922100000	9923100000
9922120000	9923120000
9922150000	9923150000
9922160000	9923160000
9922180000	9923180000
9922200000	9923200000
9922250000	9923250000
9922320000	9923320000

Type: Triple Pole
Part No.
9913010000
9913020000
9913030000
9913040000
9913050000
9913060000
9913080000
9913100000
9913150000
9913200000
9913250000
9913300000
9913400000
9913500000
9913600000
9913800000
9923100000
9923120000
9923150000
9923160000
9923180000
9923200000
9923250000
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

