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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

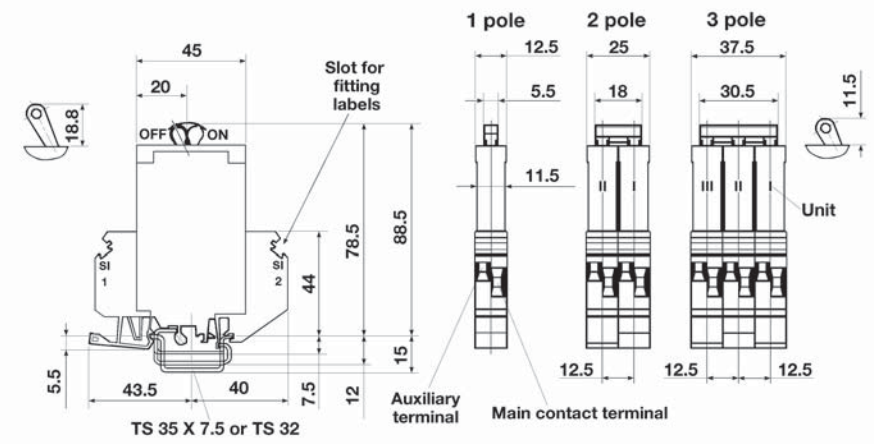
CB2200 Series
Triple Pole

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



Dimensions in mm

Technical Data

Rated voltage & current†	
UL	
CSA	
VDE	
Auxiliary contacts	
Creepage resistance	
Dielectric strength	
Insulation resistance	
Interrupting capacity (VDE 0660, Part 101, P-2)	
Interrupting capacity (UL 1077/EN 60934 PC1)	
Typical life at 2 x rated current	
Shock	
Torque	Nm (lb. in.)
Vibration	
Temperature range	
Corrosion	
Humidity	
Weight	
Wire size (UL)	

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
250 VAC / 65 VDC, 1 A		
PTI 600 to IEC 112		
3,000 VAC; IEC 664 & 664 A		
> 100 MΩ (DC 500 V)		
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

5,000 operations
25 g (11 ms) to IEC 68-2-27, Test Ea
0.6 (5.3) Auxiliary contact: 0.5 (4.4)
5 g (57 to 500 Hz / ±0.38 mm, 10 to 57 Hz) to IEC 68-2-6, Test Fc
-30…+60°C (-22°F…+140°F)
96 hours at 5% salt spray, to IEC 68-2-11, Test Ka
240 hours at 95% RH, to IEC 68-2-3, Test Ca
Approximately 60 g per pole
max 6 mm²…8 AWG max 1.5 mm²…14 AWG (Aux. contact)

Accessories

Jumpers	Daisy Chain 50
Busbars	

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

Marking Tags

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

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

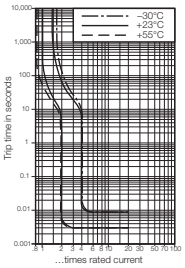
DEK 5/6	**0490360000***
DEK 5/6	**0468660001**
DEK 5/6	**0468760001**

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

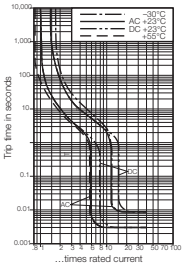
Trip Curves—Thermal Magnetic Type
Typical time/current characteristics at 23ºC

CB2200 Series

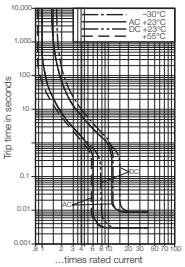
F1 0.1 to 32 A



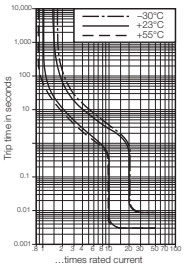
-M1 0.1 to 7.5 A



-M1 8 to 32 A



-T1 0.1 to 7.5 A



-T1 8 to 32 A