Thermal Magnetic Type Circuit Breakers

CB4200 series supplementary circuit breakers



Introduction

The CB4200 series of thermal magnetic circuit breakers feature a push-button style of trip reset. This reset provides a visual indication of status which allows for rapid troubleshooting.

Features

- Push-button trip reset
- Instant visual troubleshooting
- Super thin width (12.5mm)
- One and two poles available
- Max current ratings 16A

Approvals

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LIT 2079 | 09/2024

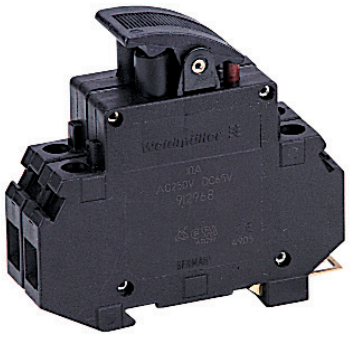
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CB 4200 Single Pole TS 35 Rail



CB 4200 Double Pole TS 35 Rail

Ordering data

Type	Description	Current rating (amps)	Qty.	Order no.
CB4201-10, .05A/TS35	CB 4200 Single Pole TS 35 Rail	0.05	1	**9124083500**
CB4201-10, 0.08A/TS35	CB 4200 Single Pole TS 35 Rail	0.08	1	**7940102274**
CB4201-10, 0.1A/TS35	CB 4200 Single Pole TS 35 Rail	0.1	1	**7940125376**
CB4201-10, 0.2A/TS35	CB 4200 Single Pole TS 35 Rail	0.2	1	**7940102182**
CB4201-10, 0.3A/TS35	CB 4200 Single Pole TS 35 Rail	0.3	1	**7940102288**
CB4201-10, 0.4A/TS35	CB 4200 Single Pole TS 35 Rail	0.4	1	**7940102266**
CB4201-10, 0.5A/TS35	CB 4200 Single Pole TS 35 Rail	0.5	1	**7940125372**
CB4201-10, 0.6A/TS35	CB 4200 Single Pole TS 35 Rail	0.6	1	**7940102267**
CB4201-10, 0.7A/TS35	CB 4200 Single Pole TS 35 Rail	0.7	1	**7940102277**
CB4201-10, 0.8A/TS35	CB 4200 Single Pole TS 35 Rail	0.8	1	**7940125814**
CB4201-10, 1.0A/TS35	CB 4200 Single Pole TS 35 Rail	1.0	1	**7940129001**
CB4201-10, 1.2A/TS35	CB 4200 Single Pole TS 35 Rail	1.2	1	**7940102156**
CB4201-10,1.3A/TS35	CB 4200 Single Pole TS 35 Rail	1.3	1	**7940113961**
CB4201-10,1.4A/TS35	CB 4200 Single Pole TS 35 Rail	1.4	1	**7940113962**
CB4201-10, 1.5A/TS35	CB 4200 Single Pole TS 35 Rail	1.5	1	**7940125374**
CB4201-10, 1.8A/TS35	CB 4200 Single Pole TS 35 Rail	1.8	1	**7940110250**
CB4201-10, 2.0A/TS35	CB 4200 Single Pole TS 35 Rail	2.0	1	**7940126716**
CB4201-10, 2.5A/TS35	CB 4200 Single Pole TS 35 Rail	2.5	1	**7940102159**
CB4201-10, 3.0A/TS35	CB 4200 Single Pole TS 35 Rail	3.0	1	**7940126717**
CB4201-10, 3.5A/TS35	CB 4200 Single Pole TS 35 Rail	3.5	1	**7940102268**
CB4201-10, 4.0A/TS35	CB 4200 Single Pole TS 35 Rail	4.0	1	**7940125377**
CB4201-10, 4.5A/TS35	CB 4200 Single Pole TS 35 Rail	4.5	1	**7940102269**
CB4201-10, 5.0A/TS35	CB 4200 Single Pole TS 35 Rail	5.0	1	**7940125375**
CB4201-10, 5.5A/TS35	CB 4200 Single Pole TS 35 Rail	5.5	1	**7940110236**
CB4201-10, 6.0A/TS35	CB 4200 Single Pole TS 35 Rail	6.0	1	**7940126719**
CB4201-10, 6.5A/TS35	CB 4200 Single Pole TS 35 Rail	6.5	1	**7940102245**
CB4201-10, 7.0A/TS35	CB 4200 Single Pole TS 35 Rail	7.0	1	**7940102180**
CB4201-10, 8.0A/TS35	CB 4200 Single Pole TS 35 Rail	8.0	1	**7940102172**
CB4201-10, 9.0A/TS35	CB 4200 Single Pole TS 35 Rail	9.0	1	**7940102186**
CB4201-10, 10.0A/TS35	CB 4200 Single Pole TS 35 Rail	10.0	1	**7940126718**
CB4201-10, 11.0A/TS35	CB 4200 Single Pole TS 35 Rail	11.0	1	**7940110251**
CB4201-10, 12.0A/TS35	CB 4200 Single Pole TS 35 Rail	12.0	1	**7940125378**
CB4201-10, 13.0A/TS35	CB 4200 Single Pole TS 35 Rail	13.0	1	**7940110252**
CB4201-10, 14.0A/TS35	CB 4200 Single Pole TS 35 Rail	14.0	1	**7940110237**
CB4201-10, 15.0A/TS35	CB 4200 Single Pole TS 35 Rail	15.0	1	**7940102165**
CB4201-10, 16.0A/TS35	CB 4200 Single Pole TS 35 Rail	16.0	1	**9124213500**

Ordering data

Type	Description	Current rating (amps)	Qty.	Order no.
CB4202-10, .05A/TS35	CB 4200 Double Pole TS 35 Rail	0.05	1	**7940116364**
CB4202-10, .08A/TS35	CB 4200 Double Pole TS 35 Rail	0.08	1	**7940116365**
CB4202-10, 0.1A/TS35	CB 4200 Double Pole TS 35 Rail	0.1	1	**7940116356**
CB4202-10, 0.2A/TS35	CB 4200 Double Pole TS 35 Rail	0.2	1	**2853650000**
CB4202-10, 0.3A/TS35	CB 4200 Double Pole TS 35 Rail	0.3	1	**7940116367**
CB4202-10, 0.4A/TS35	CB 4200 Double Pole TS 35 Rail	0.4	1	**7940116369**
CB4202-10, 0.5A/TS35	CB 4200 Double Pole TS 35 Rail	0.5	1	**7940102279**
CB4202-10, 0.6A/TS35	CB 4200 Double Pole TS 35 Rail	0.6	1	**7940116371**
CB4202-10, 0.7A/TS35	CB 4200 Double Pole TS 35 Rail	0.7	1	**7940116373**
CB4202-10, 0.8A/TS35	CB 4200 Double Pole TS 35 Rail	0.8	1	**7940116408**
CB4202-10, 1.0A/TS35	CB 4200 Double Pole TS 35 Rail	1.0	1	**7940102280**
CB4202-10, 1.2A/TS35	CB 4200 Double Pole TS 35 Rail	1.2	1	**7940116411**
CB4202-10, 1.3A/TS35	CB 4200 Double Pole TS 35 Rail	1.3	1	**7940113963**
CB4202-10, 1.4A/TS35	CB 4200 Double Pole TS 35 Rail	1.4	1	**2853660000**
CB4202-10, 1.5A/TS35	CB 4200 Double Pole TS 35 Rail	1.5	1	**7940116413**
CB4202-10, 1.8A/TS35	CB 4200 Double Pole TS 35 Rail	1.8	1	**7940116375**
CB4202-10, 2.0A/TS35	CB 4200 Double Pole TS 35 Rail	2.0	1	**7940102281**
CB4202-10, 2.5A/TS35	CB 4200 Double Pole TS 35 Rail	2.5	1	**7940102282**
CB4202-10, 3.0A/TS35	CB 4200 Double Pole TS 35 Rail	3.0	1	**7940102283**
CB4202-10, 3.5A/TS35	CB 4200 Double Pole TS 35 Rail	3.5	1	**7940116377**
CB4202-10, 4.0A/TS35	CB 4200 Double Pole TS 35 Rail	4.0	1	**7940102287**
CB4202-10, 4.5A/TS35	CB 4200 Double Pole TS 35 Rail	4.5	1	**7940116378**
CB4202-10, 5.0A/TS35	CB 4200 Double Pole TS 35 Rail	5.0	1	**7940126723**
CB4202-10, 5.5A/TS35	CB 4200 Double Pole TS 35 Rail	5.5	1	**7940116379**
CB4202-10, 6.0A/TS35	CB 4200 Double Pole TS 35 Rail	6.0	1	**7940102271**
CB4202-10, 6.5A/TS35	CB 4200 Double Pole TS 35 Rail	6.5	1	**7940116381**
CB4202-10, 7.0A/TS35	CB 4200 Double Pole TS 35 Rail	7.0	1	**7940116383**
CB4202-10, 8.0A/TS35	CB 4200 Double Pole TS 35 Rail	8.0	1	**7940102187**
CB4202-10, 9.0A/TS35	CB 4200 Double Pole TS 35 Rail	9.0	1	**7940116385**
CB4202-10, 10.0A/TS35	CB 4200 Double Pole TS 35 Rail	10.0	1	**7940102285**
CB4202-10, 11.0A/TS35	CB 4200 Double Pole TS 35 Rail	11.0	1	**7940116386**
CB4202-10, 12.0A/TS35	CB 4200 Double Pole TS 35 Rail	12.0	1	**7940102272**
CB4202-10, 13.0A/TS35	CB 4200 Double Pole TS 35 Rail	13.0	1	**9124453500**
CB4202-10, 14.0A/TS35	CB 4200 Double Pole TS 35 Rail	14.0	1	**7940116389**
CB4202-10, 15.0A/TS35	CB 4200 Double Pole TS 35 Rail	15.0	1	**7940102286**
CB4202-10, 16.0A/TS35	CB 4200 Double Pole TS 35 Rail	16.0	1	**7940102273**

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Technical data

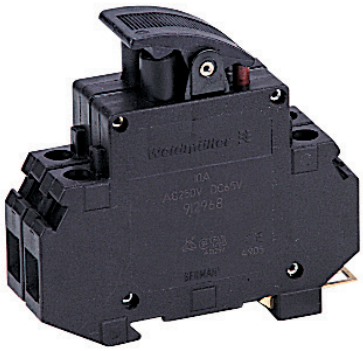
Rating data			
Rated voltage & current[1]	Voltage ratings	Current ratings	
UL e141439: standard UL 1077, C22.2 No 235	AC 250 V, DC 65 V, 50/60 Hz	0.05...16 A	
CSA 74488 standard C22.2 No 235	AC 250 V, DC 65 V, 50/60 Hz	0.05...16 A	
VDE standard IEC 60934	AC 250 V, DC 65 V, 50/60 Hz	0.05...16 A	
Creepage resistance	PTI 600 to IEC 112		
Dielectric strength	4,000 VAC; IEC 664 & 664 A		
Insulation resistance	> 100 M Ω (DC 500 V)		
Interrupting capacity; 4201-10	Rated current	Maximum capacity	
(VDE 0660, Part 101, P-2)	0.05...0.8 A	Self-limiting	
	1...2 A	200 A	
	2.5...16 A	400 A	
Interrupting capacity; 4201	Rated current	Rated voltage	Maximum capacity
(UL 1077/EN 60934 PC1)	0.05...2.0 A	AC 250 V	200 A
	2.0...16 A	AC 250 V	200 A
	20 A	AC 125 V	400 A
Typical life at 2 x rated current	5,000 operations		
Specifications			
Shock	25 g (11 ms) to IEC 60068-2-27, Test Ea		
Torque	1.2 Nm		
Vibration	5 g (57 to 500 Hz / ±0.38 mm, 10 to 57 Hz) to IEC 60068-2-27, Test Fc		
Temperature range	-30°C...+55°C (-22°F...+131°F)		
Corrosion	96 hours at 5% salt spray, to IEC 60068-2-27, Test Ka		
Humidity	240 hours at 95% RH, to IEC 60068-2-27, Test Ca		
Weight	60g per pole		
Wire size (UL)	#20...8 AWG	solid/0.5...6 mm²	
Marking tags	**Type**	**Order no.**	
Special print only	WS 8/5 MC, 1 card, 144 tags	**1640750000*** **	
Consecutive horizontal	DEK 5/5, 10 cards, 50 tags per card	**0473460001**	
Consecutive vertical	DEK 5/5, 10 cards, 50 tags per card	**0473560001**	

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

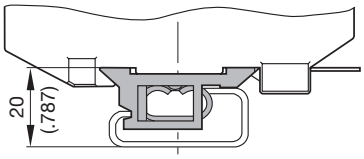
Accessories	Type	Order no.
Jumpers:		
Daisy Chain 50*	CB4200 MCB/CROSS CONNECTORS BDC-50 Daisy	**7940102795**
Straight CQB** (insulated)	CQB 2 STRAIGHT COMB 2/IP	**7940110297**
	CQB 3 STRAIGHT COMB 2/IP	**7940102799**
	CQB 4 STRAIGHT COMB 2/IP	**7940102800**
	CQB 10 STRAIGHT COMB 2/IP	**7940102801**
Angled CQB** (insulated)	CQB 4 ANGLES COMB 2/IP	**7940126758**
	CQB 10 ANGLES COMB 2/IP	**7940102802**
Adapter foot (for TS 32 Rail)	TS32 FOOT ADAPTER	**9102100000**
Busbar (Single pole 1 m)	Busbar Single pole 1 meter	**6720000227**
Busbar end cap for **6720000227**	ENDCAP BUSBAR 1-POLE	**6720000225**
Power lug for **6720000227**	POWER LUG BUSBAR 1-POLE	**6720000226**

Note: 1) Resistive and inductive loads (0.05 - 16 A)
*BDC will accommodate 20 A per pin, 20 A total
**CQB will accommodate 18 A per pin, 18 A total; dedicated to 4201 Series
***Please specify horizontal or vertical print when ordering.
Standard quantity = 144 tags per card.





Adapter foot - dimensions in mm (in.)



9102100000
TS32 adapter

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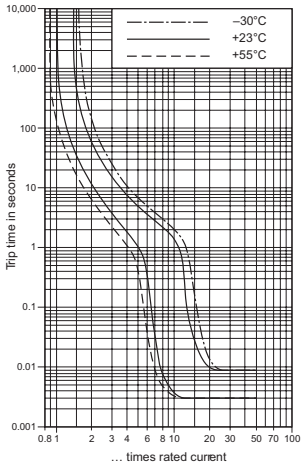
Trip curves

Thermal Magnetic Type

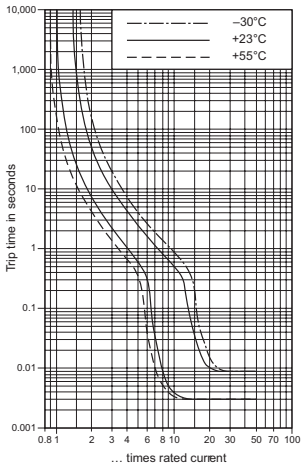
Typical time/current characteristics at 23°C

CB4200 Series Trip Curves

M1+ 0.05 to 7.5 A

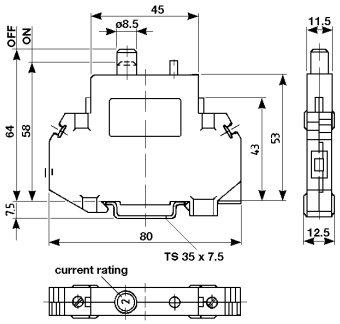


M1+ 8 to 16 A

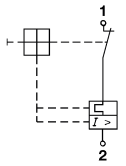


Schematic diagrams

CB4200 Single Pole TS 35 Rail

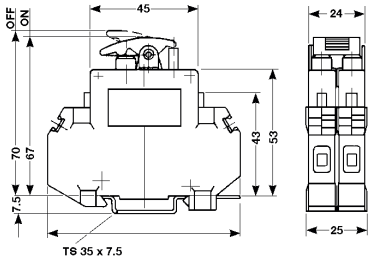


Internal wiring diagram

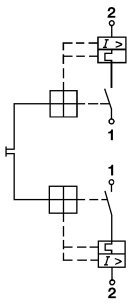


Dimensions in mm

CB4200 Double Pole TS 35 Rail



Internal wiring diagram



Dimensions in mm

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