



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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CB4200 Series Supplemental Circuit Breakers

Circuit Breakers Thermal Magnetic Type

- Rated from 0.05 to 16.0 amps
- Available in single or double pole configurations
- Features a tease free design to reduce contact damage
- Offers push button trip/reset function
- Trip free design means the breaker cannot be held closed against a fault
- Mounts on 32mm* or 35mm DIN-rail
- UL 1077 recognized
- CSA C22.2 No. 235

CB4200 Series Single Pole



CB4200 Series Double Pole

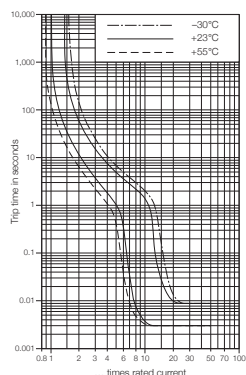


Ordering Data		Type: Single Pole		Type: Double Pole	
		Current Ratings (amps)	Part No. TS 35 *For TS 32 Rail, see adapter below	Current Ratings (amps)	Part No. TS 35 *For TS 32 Rail, see adapter below
		0.05	9124083500	0.05	9124223500
		0.08	9124653500	0.08	9124233500
		0.1	9104173500	0.1	9120353500
		0.2	9104183500	0.2	9124243500
		0.3	9129813500	0.3	9124263500
		0.4	9124093500	0.4	9124273500
		0.5	9101003500	0.5	9129583500
		0.6	9124113500	0.6	9124283500
		0.7	9129563500	0.7	9124293500
		0.8	9101103500	0.8	9129593500
		1.0	9101203500	1.0	9129613500
		1.2	9101303500	1.2	9129623500
		1.3	9124123500	1.3	9124313500
		1.4	9124133500	1.4	9124323500
		1.5	9101403500	1.5	9129633500
		1.8	9124143500	1.8	9124333500
		2.0	9101503500	2.0	9129643500
		2.5	9101603500	2.5	9129653500
		3.0	9101703500	3.0	9129663500
		3.5	9124163500	3.5	9124343500
		4.0	9104353500	4.0	9129713500
		4.5	9124173500	4.5	9124353500
		5.0	9101803500	5.0	9129673500
		5.5	9107833500	5.5	9124363500
		6.0	9103813500	6.0	9124373500
		6.5	9120043500	6.5	9124383500
		7.0	9104153500	7.0	9124393500
		8.0	9103003500	8.0	9104673500
		9.0	9104613500	9.0	9124423500
		10.0	9101903500	10.0	9129683500
		11.0	9124183500	11.0	9124433500
		12.0	9107843500	12.0	9124443500
		13.0	9124193500	13.0	9124453500
		14.0	9107853500	14.0	9124463500
		15.0	9102003500	15.0	9129693500
		16.0	9124213500	16.0	9124473500

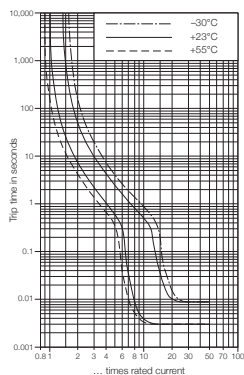
Trip Curves Thermal Magnetic Type Typical time/current characteristics at 23°C

CB4200 Series

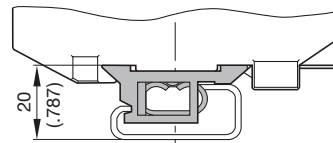
M1+ 0.05 to 7.5 A



M1+ 8 to 16 A



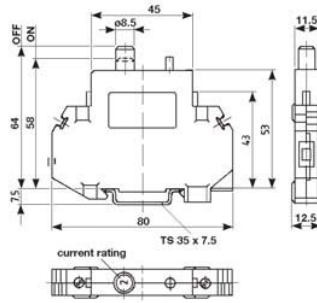
*Adapter foot – dimensions in mm (in.)



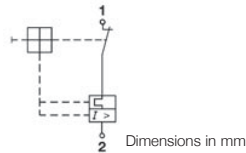
9102100000
TS32 adapter

CB4200 Series Supplemental Circuit Breakers

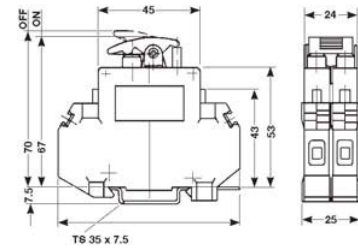
CB4200 Series Single Pole



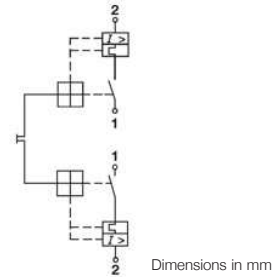
Internal Wiring Diagram



CB4200 Series Double Pole



Internal Wiring Diagram



Technical Data

Rated voltage & current†	UL
	CSA
	VDE
Creepage resistance	
Dielectric strength	
Insulation resistance	
Interrupting capacity	
(VDE 0660, Part 101, P-2)	
Interrupting capacity; 4201	
(UL 1077/EN 60934 PC1)	
Typical life at 2 x rated current	
Shock	
Torque	
Vibration	
Temperature range	
Corrosion	
Humidity	
Weight	
Wire size (UL)	

Voltage Ratings	Current Ratings
AC 250 V, DC 65 V, 50/60 Hz	0.05...16 A
AC 250 V, DC 65 V, 50/60 Hz	0.05...16 A
AC 250 V, DC 65 V, 50/60 Hz	0.05...16 A
PTI 600 to IEC 112	
4,000 VAC; IEC 664 & 664 A	
> 100 MΩ (DC 500 V)	
4201-10	Maximum capacity
0.05...0.8 A	Self-limiting
1...2 A	200 A
2.5...16 A	400 A
Rated current	Rated voltage
0.05...2.0 A	AC 250 V
2.0...16 A	AC 250 V
20 A	AC 125 V
	Maximum capacity
	200 A
	200 A
	400 A
5,000 operations	
25 g (11 ms) to IEC 68-2-27, Test Ea	
1.2 Nm	
5 g (57 to 500 Hz / ±0.38 mm, 10 to 57 Hz) to IEC 68-2-6, Test Fc	
-30°C...+55°C (-22°F...+131°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	
60 g per pole	
#20...8 AWG solid/0.5...6 mm²	

Accessories

Jumpers	
	Daisy Chain 50*
	Straight CQB**
	insulated
	Angled CQB**
	insulated
Adapter foot (for TS 32 Rail)	
Busbar	Single pole 1 meter
Busbar end cap for 6720000227	
Power lug for 6720000227	

Marking Tags

Note: Part numbers are shown for a single card of pre-printed tags numbered 1-50.	Special print only
	Consecutive horizontal
	Consecutive vertical

Type	Part No.
BDC 50	9970290000
CQB 2	9970560000
CQB 3	9970570000
CQB 4	9970580000
CQB 10	9970590000
CQB 2	9970600000
CQB 3	9970610000
CQB 4	9970620000
CQB 10	9970630000
MCBAF/TS 32	9102100000
	6720000227
	6720000225
	6720000226
WS 8/5 MC	1640750000***
DEK 5/5	0473460001
DEK 5/5	0473560001

†Note: 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.