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CB9100 Series Supplemental Circuit Breakers

Circuit Breakers Thermal Magnetic Type

- Rated from 0.5 to 63 amps
- Available in single, double and triple pole configurations
- Optional auxiliary contacts
- Mounts on 35mm DIN-rail
- UL and CSA approvals
- CSA 277 VAC (1 pole) or 480 VAC (2 and 3 pole)
- 50 VDC (0.5 A to 50 A) 1 pole
- 110 VDC (0.5 A to 50 A) 2 pole

CB9100 Series Single Pole



CB9100 Series Double Pole



CB9100 Series Triple Pole



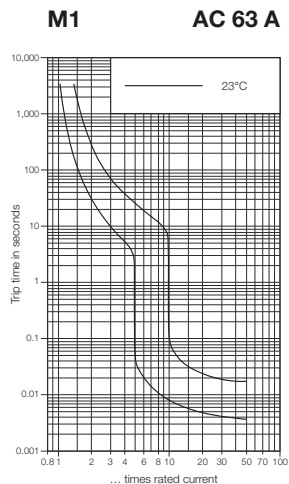
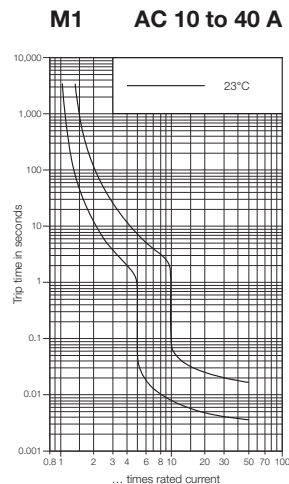
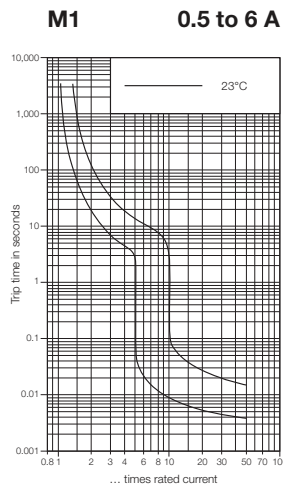
Ordering Data

Ordering Data	Type: Single Pole		Type: Double Pole		Type: Triple Pole	
	Current Ratings (amps)	Part No.	Current Ratings (amps)	Part No.	Current Ratings (amps)	Part No.
	0.5	9925350000	0.5	9925650000	0.5	9925810000
	1.0	9925360000	1.0	9925660000	1.0	9925820000
	2.0	9925380000	2.0	9925680000	2.0	9925840000
	3.0	9925390000	3.0	9925690000	3.0	9925850000
	4.0	9925400000	4.0	9925700000	4.0	9925860000
	6.0	9925410000	6.0	9925710000	6.0	9925870000
	10.0	9925430000	10.0	9925730000	10.0	9925890000
	13.0	9929820000	13.0	9929830000	13.0	9929840000
	16	9925440000	16	9925740000	16	9925900000
	20	9925450000	20	9925750000	20	9925910000
	25	9925460000	25	9925760000	25	9925920000
	32	9925470000	32	9925770000	32	9925930000
	40	9925480000	40	9925780000	40	9925940000
	50	9925490000	50	9925790000	50	9925950000
	63	9925500000	63	9925800000	63	9925960000

Trip Curves Thermal Magnetic Type

Typical time/current characteristics at 23°C

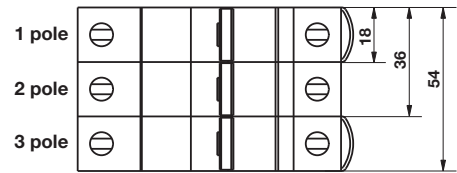
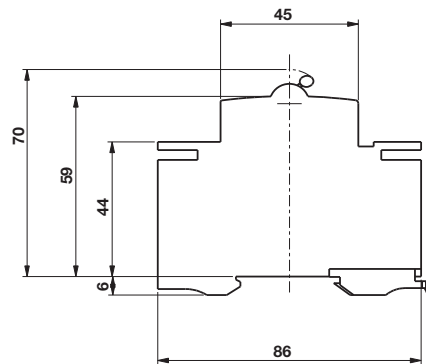
CB9100 Series



Note: "C" trip time characteristics according to VDE 064 A4/11.88 (9100 Series only)

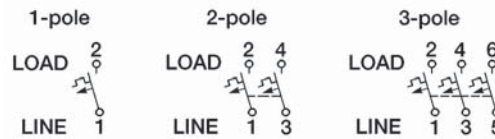
CB9100 Series Supplemental Circuit Breakers

CB9100 Series



Dimensions in mm

Internal Wiring Diagram



Technical Data

Rated voltage & current

UL 1077

CSA C 22.2 No. 235

VDE

Creepage resistance

Insulation resistance

Interrupting capacity

(UL 1077/EN 609334 PC1) 1 pole

Mechanical/Electrical endurance

Shock

Torque

Vibration

Temperature range - operating

Weight

Strip length

Auxiliary contact rating

Wire size - #22...12 AWG

Wire size

Accessories

Jumpers

Auxiliary contacts

Security hardware

Marking Tags

Adhesive label

277 V (1 pole) 480 V (2 and 3 pole) 50 VDC (1 pole) 110 VDC (2 pole)

277 V (1 pole) 480 V (2 and 3 pole) 50 VDC (1 pole) 110 VDC (2 pole)

PTI 250 to IEC 112

>100 MΩ at 500 VDC

Current ratings

Interrupting Rupture capacity (3X)

Voltage

0.5...63 A

10,000 A (UL)

277 VAC/50 VDC

0.5...32 A

2,000 A (UL)

347 / 600 AC

0.5...63 A

6,000 A (UL)

50 VDC (1) pole

0.5...50 A

6,000 A (UL)

110 VDC (2) poles

20,000/10,000

20 g (10 ms)

2 Nm

3 g (10 to 55 Hz)

-25°C...+55°C (-13°F to 131°F)

1 pole (130 g); 2 pole (280 g); 3 pole (430 g)

12 mm

Voltage

Current

AC 220/240

5 A

AC 277

3 A

DC 24 V

4 A

DC 60 V

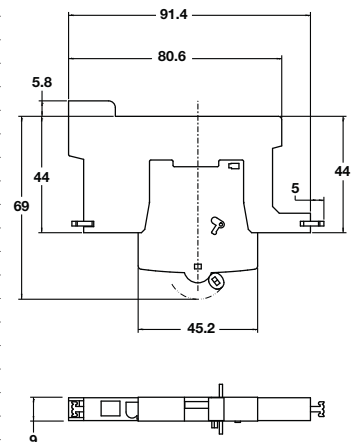
1 A

DC220 V

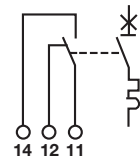
0.4 A

#18...2 AWG (line); #18...3 AWG (load)

Auxiliary Contact Modules



Internal Auxiliary Wiring Diagram



Type

Part No.

3 pole bus, 10 x 1010 mm, buses (19) 3 phase groupings

9970330000

3 pole bus, 16 x 210 mm, buses (4) 3 phase groupings

9970340000

3 pole bus, 16 x 1010 mm, buses (19) 3 phase groupings

9970350000

1 pole bus, 12 x 210 mm, buses 12 breakers

9970360000

1 pole bus, 12 x 210 mm (insulated), buses 12 breakers

9991990000

Bus bar clamp

9970370000

Auxiliary contacts

9970300000

Lock out cover

9970380000

ETO 10/26, yellow (26 mm x 10 mm)

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