

### 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

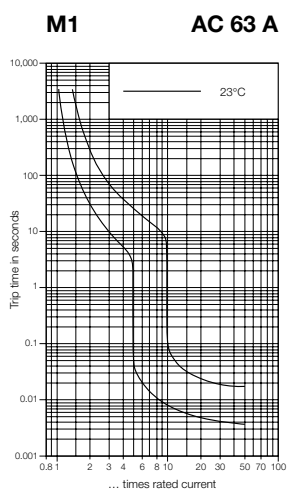
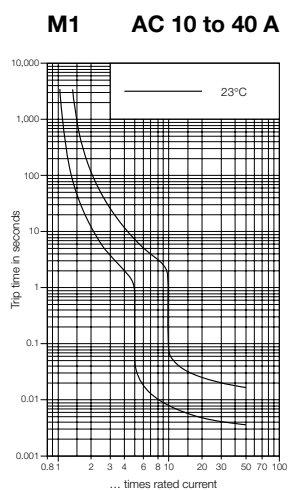
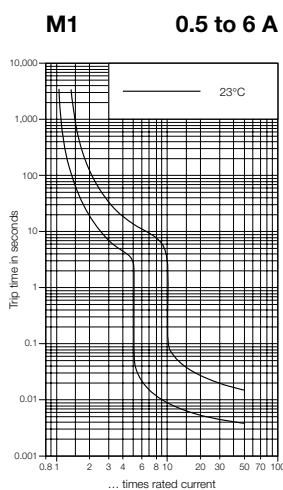
Type: Single Pole	
Current Ratings (amps)	Part No.
0.5	9925350000
1.0	9925360000
2.0	9925380000
3.0	9925390000
4.0	9925400000
6.0	9925410000
10.0	9925430000
13.0	9929820000
16	9925440000
20	9925450000
25	9925460000
32	9925470000
40	9925480000
50	9925490000
63	9925500000

Type: Double Pole	
Current Ratings (amps)	Part No.
0.5	9925650000
1.0	9925660000
2.0	9925680000
3.0	9925690000
4.0	9925700000
6.0	9925710000
10.0	9925730000
13.0	9929830000
16	9925740000
20	9925750000
25	9925760000
32	9925770000
40	9925780000
50	9925790000
63	9925800000

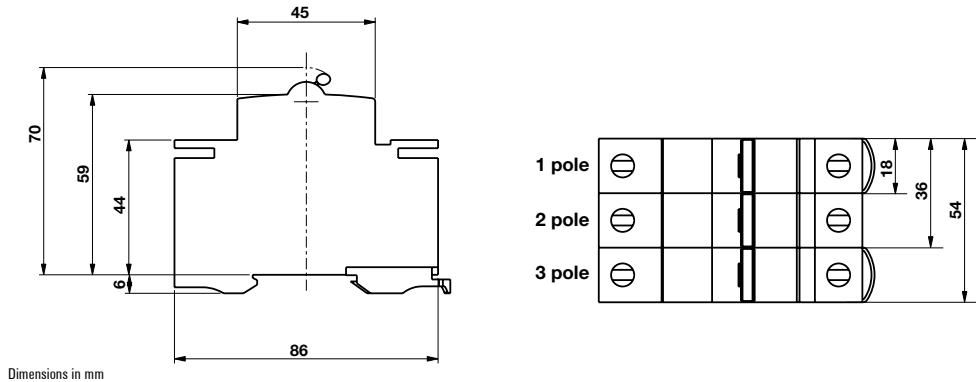
Type: Triple Pole	
Current Ratings (amps)	Part No.
0.5	9925810000
1.0	9925820000
2.0	9925840000
3.0	9925850000
4.0	9925860000
6.0	9925870000
10.0	9925890000
13.0	9929840000
16	9925900000
20	9925910000
25	9925920000
32	9925930000
40	9925940000
50	9925950000
63	9925960000

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

CB9100 Series

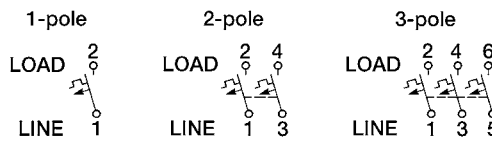


CB9100 Series



Dimensions in mm

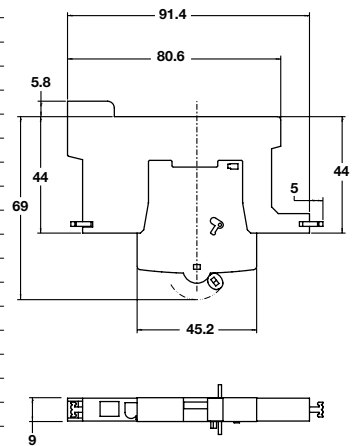
Internal Wiring Diagram



Technical Data

Rated voltage & current	UL 1077 CSA C 22.2 No. 235 VDE															
Creepage resistance	PTI 250 to IEC 112															
Insulation resistance	>100 MΩ at 500 VDC															
Interrupting capacity (UL 1077/EN 609334 PC1) 1 pole	<table border="1"> <thead> <tr> <th>Current ratings</th> <th>Interrupting Rupture capacity (3X)</th> <th>Voltage</th> </tr> </thead> <tbody> <tr> <td>0.5...63 A</td> <td>10,000 A (UL)</td> <td>277 VAC/50 VDC</td> </tr> <tr> <td>0.5...32 A</td> <td>2,000 A (UL)</td> <td>277 / 480 AC</td> </tr> <tr> <td>0.5...63 A</td> <td>6,000 A (UL)</td> <td>50 VDC (1) pole</td> </tr> <tr> <td>0.5...50 A</td> <td>6,000 A (UL)</td> <td>110 VDC (2) poles</td> </tr> </tbody> </table>	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)	277 / 480 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
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Mechanical/Electrical endurance	20,000/10,000															
Shock	20 g (10 ms)															
Torque	2 Nm															
Vibration	3 g (10 to 55 Hz)															
Temperature range - operating	-25°C...+55°C (-13°F to 131°F)															
Weight	1 pole (130 g); 2 pole (280 g); 3 pole (430 g)															
Strip length	12 mm															
Auxiliary contact rating	<table border="1"> <thead> <tr> <th>Voltage</th> <th>Current</th> </tr> </thead> <tbody> <tr> <td>AC 220/240</td> <td>5 A</td> </tr> <tr> <td>AC 277</td> <td>3 A</td> </tr> <tr> <td>DC 24 V</td> <td>4 A</td> </tr> <tr> <td>DC 60 V</td> <td>1 A</td> </tr> <tr> <td>DC220 V</td> <td>0.4 A</td> </tr> </tbody> </table>	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			
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AC 277	3 A															
DC 24 V	4 A															
DC 60 V	1 A															
DC220 V	0.4 A															
Wire size	#18...2 AWG (line); #18...3 AWG (load)															

Auxiliary Contact Modules

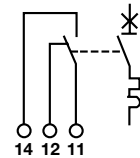


Accessories

Jumpers	
Auxiliary contacts	SPDT
Security hardware	

Type	Current Side/Middle	Part No.
3 pole bus, 10 x 1010 mm, buses (19) 3 phase groupings	80A/100A	9970330000
3 pole bus, 16 x 210 mm, buses (4) 3 phase groupings	120A/130A	9970340000
3 pole bus, 16 x 1010 mm, buses (19) 3 phase groupings	120A/130A	9970350000
1 pole bus, 12 x 210 mm, buses 12 breakers	80A/100A	9970360000
1 pole bus, 12 x 210 mm (insulated), buses 12 breakers	63A	9991990000
Bus bar clamp	130A	9970370000
Auxiliary contacts		9970300000
Lock out cover		9970380000

Internal Auxiliary Wiring Diagram



Marking Tags

Adhesive label	
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ETO 10/26, yellow (26 mm x 10 mm)	1686401687
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