

## 2210 Series Circuit Breakers



These thermal magnetic circuit breakers mount on both 32mm and 35 mm DIN rails and provide a toggle mechanism, built-in auxiliary contacts and many other features.

- CSA 250Vac, 65Vdc, 0.1-32A
- VDE and UL approved
- interrupting capacity up to 1000A
- thermal magnetic operation
- 1, 2 and 3 pole versions
- 12.5mm wide per pole
- mounts on both TS32 and TS35 DIN rail

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# 2210 Series Circuit Breakers

## Technical data

Current ratings	0.1...20A (resistive & inductive load)
Max. voltage rating	3 phase: 415V; AC 250V; DC 65V
Insulation resistance	>100 M $\Omega$ (DC 500V)
Aux. contact rating	1A, AC 250V / DC 65V (resistive load)
Typical life	at rated current: 10,000 operations at 2 x rated current: 5,000 operations
Vibration	5g (57-500Hz, $\pm 0.38$ mm; 10-57Hz, $\pm 0.62$ mm)
Humidity	240 hours at 95% RH, to IEC 68-2-3, test C
Weight	approx. 60g per pole max
Wire size/torque	6mm <sup>2</sup> -10AWG/0.5Nm.
Stripping length	12-14mm/ 9-12 (contact)

## Switching capacities

Current ratings	max. rupture capacity (3x)
0.1...5A	400A
6...16A	800A
20A	1000A at AC, 800A at DC

## Approvals

VDE, UL, CSA	voltage/current ratings AC 250V, DC 65V/1...20A
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## Auxiliary contact

- one opened contact when CB is in the ON position
- one set of contact per pole with intermediate position
- screw design
- wire size 16AWG (1.5mm<sup>2</sup>)
- tightening torque 0.5Nm.

Current Ratings	Internal resistance $\Omega$	Single Pole	Cat.No.	Qty.	Double Pole	Cat.No.	Qty.	3 Pole	Cat.No.	Qty.
0.1 A	92		991101			991201			991301	
0.2 A	26.1		991102			991202			991302	
0.3 A	11.6		991103			991203			991303	
0.4 A	6.6		991104			991204			991304	
0.5 A	4.1		991105			991205			991305	
0.6 A	3		991106			991206			991306	
0.8 A	1.65		991108			991208			991308	
1.0 A	1.10		991110			991210			991310	
1.5 A	0.47		991115			991215			991315	
2.0 A	0.28		991120			991220			991320	
2.5 A	0.18		991125			991225			991325	
3.0 A	0.12		991130			991230			991330	
4.0 A	0.08		991140			991240			991340	
5.0 A	0.06		991150			991250			991350	
6.0 A	0.04		991160			991260			991360	
8.0 A	0.02		991180			991280			991380	
10.0 A	0.01		992110			992210			992310	
12.0 A	0.01		992112			992212			992312	
15.0 A	0.01		992115			992215			992315	
16.0 A	<0.01		992116			992216			992316	
18.0 A	<0.01		992118			992218			992318	
20.0 A	<0.01		992120			992220			992320	
25.0 A	<0.01		992125			992225			992325	
32.0 A	<0.01		992132			992232			992332	

