

<ul style="list-style-type: none"> • at AC 	1 500 1/h
<ul style="list-style-type: none"> • at DC 	1 500 1/h
Operating frequency	
<ul style="list-style-type: none"> • at AC-1 maximum 	700 1/h

Control circuit/ Control

Type of voltage	AC/DC
Type of voltage of the control supply voltage	AC/DC
Control supply voltage at AC	
<ul style="list-style-type: none"> • at 50 Hz rated value 	20 ... 33 V
<ul style="list-style-type: none"> • at 60 Hz rated value 	20 ... 33 V
Control supply voltage	
<ul style="list-style-type: none"> • at DC rated value 	20 ... 33 V
Operating range factor control supply voltage rated value of magnet coil at DC	
<ul style="list-style-type: none"> • initial value 	0.8
<ul style="list-style-type: none"> • Full-scale value 	1.1
Operating range factor control supply voltage rated value of magnet coil at AC	
<ul style="list-style-type: none"> • at 50 Hz 	0.8 ... 1.1
<ul style="list-style-type: none"> • at 60 Hz 	0.8 ... 1.1
Design of the surge suppressor	with varistor
Apparent pick-up power of magnet coil at AC	
<ul style="list-style-type: none"> • at 50 Hz 	40 V·A
<ul style="list-style-type: none"> • at 60 Hz 	40 V·A
Apparent holding power of magnet coil at AC	
<ul style="list-style-type: none"> • at 50 Hz 	2 V·A
<ul style="list-style-type: none"> • at 60 Hz 	2 V·A
Closing power of magnet coil at DC	23 W
Holding power of magnet coil at DC	1 W
Closing delay	
<ul style="list-style-type: none"> • at AC 	45 ... 70 ms
<ul style="list-style-type: none"> • at DC 	45 ... 60 ms
Opening delay	
<ul style="list-style-type: none"> • at AC 	35 ... 55 ms
<ul style="list-style-type: none"> • at DC 	35 ... 55 ms
Arcing time	10 ... 20 ms
Control version of the switch operating mechanism	Standard A1 - A2

Auxiliary circuit

Number of NC contacts for auxiliary contacts	1
<ul style="list-style-type: none"> • attachable 	2
<ul style="list-style-type: none"> • instantaneous contact 	1
Number of NO contacts for auxiliary contacts	1

<ul style="list-style-type: none"> • attachable 	2
<ul style="list-style-type: none"> • instantaneous contact 	1
Operating current at AC-12	
<ul style="list-style-type: none"> • maximum 	10 A
Operating current at AC-15	
<ul style="list-style-type: none"> • at 230 V rated value 	10 A
<ul style="list-style-type: none"> • at 400 V rated value 	3 A
<ul style="list-style-type: none"> • at 500 V rated value 	2 A
<ul style="list-style-type: none"> • at 690 V rated value 	1 A
Operating current at DC-12	
<ul style="list-style-type: none"> • at 24 V rated value 	10 A
<ul style="list-style-type: none"> • at 48 V rated value 	6 A
<ul style="list-style-type: none"> • at 60 V rated value 	6 A
<ul style="list-style-type: none"> • at 110 V rated value 	3 A
<ul style="list-style-type: none"> • at 125 V rated value 	2 A
<ul style="list-style-type: none"> • at 220 V rated value 	1 A
<ul style="list-style-type: none"> • at 600 V rated value 	0.15 A
Operating current at DC-13	
<ul style="list-style-type: none"> • at 24 V rated value 	10 A
<ul style="list-style-type: none"> • at 48 V rated value 	2 A
<ul style="list-style-type: none"> • at 110 V rated value 	1 A
<ul style="list-style-type: none"> • at 125 V rated value 	0.9 A
<ul style="list-style-type: none"> • at 220 V rated value 	0.3 A
<ul style="list-style-type: none"> • at 600 V rated value 	0.1 A
Design of the miniature circuit breaker	
<ul style="list-style-type: none"> • for short-circuit protection of the auxiliary switch required 	gG: 10 A (230 V, 400 A)
Contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)

UL/CSA ratings

Contact rating of auxiliary contacts according to UL	A600 / P600
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Short-circuit protection

Product function Short circuit protection	No
Design of the fuse link	
<ul style="list-style-type: none"> • for short-circuit protection of the main circuit <ul style="list-style-type: none"> — with type of coordination 1 required — with type of assignment 2 required 	gG: 160 A (690 V, 100 kA)
	gG: 63 A (690 V, 100 kA)
<ul style="list-style-type: none"> • for short-circuit protection of the auxiliary switch required 	gG: 10 A (690 V, 1 kA)

Installation/ mounting/ dimensions