SIEMENS

Data sheet

3RT2326-1AL20



Contactor, AC-1, 40 A/400 V/40 $^\circ\text{C},$ S0, 4-pole, 230 V AC, 50/60 Hz, 1 NO+1 NC, screw terminal

product brand name	SIRIUS	
product designation	Contactor	
product type designation	3RT23	
General technical data		
size of contactor	SO	
product extension		
 function module for communication 	No	
 auxiliary switch 	Yes	
power loss [W] for rated value of the current		
 at AC in hot operating state 	9.6 W	
 at AC in hot operating state per pole 	2.4 W	
insulation voltage		
 of main circuit with degree of pollution 3 rated value 	690 V	
 of the auxiliary and control circuit with degree of pollution 3 rated value 	690 V	
surge voltage resistance		
 of main circuit rated value 	6 kV	
 of auxiliary circuit rated value 	6 kV	
shock resistance at rectangular impulse		
• at AC	8,3g / 5 ms, 5,3g / 10 ms	
shock resistance with sine pulse		
• at AC	13,5g / 5 ms, 8,3g / 10 ms	
mechanical service life (switching cycles)		
 of contactor typical 	10 000 000	
 of the contactor with added auxiliary switch block typical 	10 000 000	
reference code according to IEC 81346-2	Q	
Substance Prohibitance (Date)	10/01/2009	
Ambient conditions		
installation altitude at height above sea level maximum	2 000 m	
ambient temperature		
 during operation 	-25 +60 °C	
 during storage 	-55 +80 °C	
relative humidity minimum	10 %	
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %	
Main circuit		
number of poles for main current circuit	4	
number of NO contacts for main contacts	4	
operational current		

• at AC-1 at 400 V at ambient temperature 40 °C rated value	40 A
 at AC-1 up to 690 V at ambient temperature 40 °C rated value 	40 A
— up to 690 V at ambient temperature 60 °C rated value	35 A
• at AC-3	
— at 400 V rated value	15.5 A
 at AC-4 at 400 V rated value 	15.5 A
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm ²
operating power	
• at AC-3 at 400 V rated value	7.5 kW
at AC-4 at 400 V rated value	7.5 kW
short-time withstand current in cold operating state up to 40 °C	
 limited to 1 s switching at zero current maximum limited to 5 a switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum limited to 10 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum limited to 30 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
 limited to 60 s switching at zero current maximum 	Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at AC	5 000 1/h
operating frequency at AC-1 maximum	1 000 1/h
Control circuit/ Control	
type of voltage	AC
type of voltage of the control supply voltage	AC
control supply voltage at AC	
• at 50 Hz rated value	230 V
at 60 Hz rated value	230 V
operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	
• at 50 Hz	81 VA
• at 60 Hz	79 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.72
• at 60 Hz	0.74
apparent holding power of magnet coil at AC	
• at 50 Hz	10.5 VA
• at 60 Hz	8.5 VA
inductive power factor with the holding power of the coil	0.05
• at 50 Hz	0.25
• at 60 Hz	0.28
elosing delay • at AC	8 40 ms
• at AC opening delay	א א א א א א א א א א א א א א א א א א א
• at AC	4 16 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
attachable	2
 instantaneous contact 	1
number of NO contacts for auxiliary contacts	1
attachable	2
 instantaneous contact 	1

operational current at AC-12 maximum 10 A operational current at AC-15 10 A • at 230 V rated value 3 A • at 400 V rated value 2 A • at 690 V rated value 10 A • at 24 V rated value 10 A • at 24 V rated value 10 A • at 24 V rated value 10 A • at 25 V rated value 10 A • at 2600 V rated value 10 A • at 260 V rated value 10 A • at 20 V rated value 10 A • at 10 V rated value 10 A • at 20 V rated value 0.9 A • at 20 V rated value 0.9 A • at 20 V rated value 0.1 A gG: 10 A (230 V, 400 A) gG: 10 A (230 V, 400 A) gG: 10 A (230 V, 400 A) gG: 63 A (690 V, 100 kA) gG: 63 A (690 V, 100 kA) <th>operational current at AC-15 10 A • at 230 V rated value 10 A • at 400 V rated value 3 A • at 600 V rated value 2 A • at 600 V rated value 1 A operational current at DC-12 10 A • at 42 V rated value 6 A • at 43 V rated value 6 A • at 44 V rated value 6 A • at 100 V rated value 6 A • at 100 V rated value 1 A • at 25 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 0.15 A opperational current at DC-13 0.4 2 V rated value • at 42 V rated value 0.4 A • at 200 V rated value 0.9 A • at 220 V rated value 0.9 A • at 220 V rated value 0.1 A • at 220 V rated value 0.1 A • at 220 V rated value 0.1 A ortat criating of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings Contact rating of auxiliary contacts accordin</th> <th></th> <th>_</th>	operational current at AC-15 10 A • at 230 V rated value 10 A • at 400 V rated value 3 A • at 600 V rated value 2 A • at 600 V rated value 1 A operational current at DC-12 10 A • at 42 V rated value 6 A • at 43 V rated value 6 A • at 44 V rated value 6 A • at 100 V rated value 6 A • at 100 V rated value 1 A • at 25 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 0.15 A opperational current at DC-13 0.4 2 V rated value • at 42 V rated value 0.4 A • at 200 V rated value 0.9 A • at 220 V rated value 0.9 A • at 220 V rated value 0.1 A • at 220 V rated value 0.1 A • at 220 V rated value 0.1 A ortat criating of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings Contact rating of auxiliary contacts accordin		_
• at 230 V rated value 10 Å • at 500 V rated value 3 Å • at 600 V rated value 1 Å operational current at DC-12 1 Å • at 24 V rated value 6 Å • at 60 V rated value 6 Å • at 10 V rated value 6 Å • at 10 V rated value 6 Å • at 10 V rated value 7 Å • at 11 V rated value 7 Å • at 22 V rated value 1 Å • at 22 V rated value 1 Å • at 20 V rated value 0.15 Å operational current at DC-13 0.15 Å • at 22 V rated value 0.16 Å • at 24 V rated value 10 Å • at 24 V rated value 0.3 Å • at 25 V rated value 0.3 Å • at 20 V rated value 0.1 Å g = 100 V rated value 0.1 Å contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mÅ) UL/CSA ratings - with type of coordination 1 required gG: 10 A (230 V, 400 Å) - with type of coordination 1 required • for short-circuit protection No for short-circuit protection <t< td=""><td> el 230 V rated value el 230 V rated value el 230 V rated value el 24 V rated value 1A el 24 V rated value 10 A el 24 V rated value 0 A el 24 V rated value 125 V rated value 126 V rated value 126 V rated value 127 V rated value 128 V rated val</td><td>operational current at AC-12 maximum</td><td>10 A</td></t<>	 el 230 V rated value el 230 V rated value el 230 V rated value el 24 V rated value 1A el 24 V rated value 10 A el 24 V rated value 0 A el 24 V rated value 125 V rated value 126 V rated value 126 V rated value 127 V rated value 128 V rated val	operational current at AC-12 maximum	10 A
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 e at 500 V rated value 2 A e at 690 V rated value 1 A operational current at DC-12 e at 24 V rated value 10 A e at 84 V rated value 6 A e at 10 V rated value 6 A e at 110 V rated value 8 A e at 125 V rated value 2 A e at 20 V rated value 1 A e at 20 V rated value 9 A e at 20 V rated value 1 A e at 20 V rated value 1 A e at 20 V rated value 1 A e at 24 V rated value 1 A e at 24 V rated value 1 A e at 24 V rated value 10 A e at 48 V rated value 10 A e at 42 V rated value 10 A e at 42 V rated value 10 A e at 25 V rated value 0.15 A operational current at DC-13 e at 25 V rated value 10 A e at 48 V rated value 10 A e at 25 V rated value 0.1 A e at 25 V rated value 0.1 A e at 25 V rated value 0.1 A g C 10 A (230 V, 400 A) protection of the miniature circuit breaker for short-circuit g C 10 A (230 V, 400 A) product function short circuit protection d K80 / Q 600 Short-circuit protection of the main circuit - with type of coordination 1 required f C 63 A (690 V, 100 kA) g G: 20 A (690 V, 100 kA)<td>• at 600 V rated value 2 Å • at 600 V rated value 1 Å • operational current at DC-12 0 Å • at 80 V rated value 6 Å • at 125 V rated value 2 Å • at 125 V rated value 0.15 Å • at 25 V rated value 0.15 Å • at 600 V rated value 0.16 Å • at 800 V rated value 0.3 Å • at 810 V rated value 0.3 Å • at 125 V rated value 0.3 Å • at 120 V rated value 0.3 Å • at 120 V rated value 0.3 Å • at 200 V rated value 0.3 Å • at 200 V rated value 0.3 Å • at 800 V rated value 0.3 Å • at 800 V rated value 0.1 Å • or stort-recult protection 0 Å • or</td><td> at 230 V rated value </td><td>10 A</td>	• at 600 V rated value 2 Å • at 600 V rated value 1 Å • operational current at DC-12 0 Å • at 80 V rated value 6 Å • at 125 V rated value 2 Å • at 125 V rated value 0.15 Å • at 25 V rated value 0.15 Å • at 600 V rated value 0.16 Å • at 800 V rated value 0.3 Å • at 810 V rated value 0.3 Å • at 125 V rated value 0.3 Å • at 120 V rated value 0.3 Å • at 120 V rated value 0.3 Å • at 200 V rated value 0.3 Å • at 200 V rated value 0.3 Å • at 800 V rated value 0.3 Å • at 800 V rated value 0.1 Å • or stort-recult protection 0 Å • or	 at 230 V rated value 	10 A
• at 690 V rated value 1 A operational current at DC-12 10 A • at 24 V rated value 6 A • at 60 V rated value 6 A • at 10 V rated value 6 A • at 110 V rated value 2 A • at 25 V rated value 1 A • at 25 V rated value 1 A • at 600 V rated value 0.15 A operational current at DC-13 0.15 A • at 24 V rated value 10 A • at 120 V rated value 0.9 A • at 110 V rated value 0.9 A • at 120 V rated value 0.1 A • at 20 V rated value 0.1 A • at 20 V rated value 0.1 A • at 20 V rated value 0.1 A gG: 10 A (230 V, 400 A) gG: 10 A (230 V, 400 A) protection of the auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 0 contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection No design of the fuse link 9G: 10 A (690 V, 100 kA) • for short-circuit protection of the main circuit - - with type	• at 680 V rated value 1 A operational current at DC-12 0 A • at 24 V rated value 6 A • at 60 V rated value 6 A • at 60 V rated value 6 A • at 720 V rated value 3 A • at 720 V rated value 1 A • at 720 V rated value 1 A • at 720 V rated value 1 A • at 720 V rated value 0.15 A operational current at DC-13 0 A • at 720 V rated value 0.15 A operational current at DC-13 0 A • at 720 V rated value 0.15 A operational current at DC-13 0 A • at 720 V rated value 0.3 A • at 720 V rated value 0.14 A design of the miniature circuit breaker for short-circuit gG: 10 A (220 V, 400 Å) protection of the regulad 16 A (220 V, 400 Å) contact reliability of auxiliary contacts according to UL Ac600 / Q600 Stort-Circuit protection of the main circuit - with type of coordination 1 required • or short-circuit protection of the main circuit - with type of oscimment 2 required • for short-circuit protection of the main circuit - with type of oscimment 2 required • for short-circuit protection of the main circuit - with type of oscimment 2 required • for sh	 at 400 V rated value 	3 A
operational current at DC-12 10 A • at 24 V rated value 6 A • at 60 V rated value 6 A • at 125 V rated value 6 A • at 125 V rated value 1 A • at 220 V rated value 10 A • at 24 V rated value 0 A • at 24 V rated value 0 A • at 10 V rated value 0 A • at 110 V rated value 0 A • at 22 V rated value 0.9 A • at 22 V rated value 0.9 A • at 600 V rated value 0.1 A gG: 10 A (230 V, 400 A) gG: 10 A (230 V, 400 A) protection of the auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings Contact rating of auxiliary contacts according to UL Short-circuit protection No design of the fuse link • for short-circuit protection • for short-circuit protection of the auxiliary switch required gG: 63 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch required gG: 63 A (690 V, 100 kA) <tr< td=""><td>operational current at DC-12 ID A • at 24 V rated value 6 A • at 60 V rated value 6 A • at 15 V rated value 6 A • at 15 V rated value 3 A • at 24 V rated value 3 A • at 25 V rated value 1 A • at 260 V rated value 1 A • at 260 V rated value 1 A • at 24 V rated value 0 A • at 25 V rated value 0 A • at 260 V rated value 0 A • or at combiance circuit breaker for short-circuit protection gG: 10 A (230 V, 400 A) protecting trobacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings A (690 V, 100 kA) gG: 10 A (690 V, 100 kA) gG: 10 A (690 V, 100 kA) </td></tr<> <td>• at 500 V rated value</td> <td>2 A</td>	operational current at DC-12 ID A • at 24 V rated value 6 A • at 60 V rated value 6 A • at 15 V rated value 6 A • at 15 V rated value 3 A • at 24 V rated value 3 A • at 25 V rated value 1 A • at 260 V rated value 1 A • at 260 V rated value 1 A • at 24 V rated value 0 A • at 25 V rated value 0 A • at 260 V rated value 0 A • or at combiance circuit breaker for short-circuit protection gG: 10 A (230 V, 400 A) protecting trobacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings A (690 V, 100 kA) gG: 10 A (690 V, 100 kA) gG: 10 A (690 V, 100 kA)	• at 500 V rated value	2 A
• at 24 V rated value 10 A • at 48 V rated value 6 A • at 60 V rated value 6 A • at 110 V rated value 3 A • at 125 V rated value 2 A • at 200 V rated value 1 A • at 200 V rated value 0.15 A operational current at DC-13 0 A • at 24 V rated value 10 A • at 24 V rated value 2 A • at 24 V rated value 0.15 A operational current at DC-13 10 A • at 24 V rated value 2 A • at 25 V rated value 2 A • at 25 V rated value 0.9 A • at 220 V rated value 0.3 A • at 20 V rated value 0.1 A • at 20 V rated value 0.1 A • at 20 V rated value 0.3 A • at 20 V rated value 0.1 A • at 20 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switch required contact reliability of auxiliary contacts 1 faulty switch required product function short circuit protection of the anin circuit - with type of coordination 1 required gG: 20 A (690 V, 100 kA) - with type of coordination 1 required gG: 83 A (690 V, 100 kA) i for short-circuit protection of the auxiliary switch required gG	if 24 V rated value if 26 V rated value if 27 V rated value if 28 V rated value if 28 V rated value if 20 V rated value if 30 rate rate rate rate rate rate rate rate	• at 690 V rated value	1 A
• at 48 V rated value 6 A • at 80 V rated value 6 A • at 110 V rated value 3 A • at 125 V rated value 2 A • at 220 V rated value 0.15 A operational current at DC-13 0.15 A • at 24 V rated value 0.15 A • at 24 V rated value 0.16 A • at 10 V rated value 0.16 A • at 25 V rated value 0.9 A • at 125 V rated value 0.9 A • at 220 V rated value 0.3 A • at 220 V rated value 0.1 A design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings	• at 49 V rated value 6 A • at 16 0 V rated value 6 A • at 12 V rated value 2 A • at 220 V rated value 1 A • at 240 V rated value 0 A • at 125 V rated value 0 3 A • at 260 V rated value 0 3 A • at 800 V rated value 0.1 A <td>operational current at DC-12</td> <td></td>	operational current at DC-12	
• at 60 V rated value 6 A • at 110 V rated value 3 A • at 122 V rated value 1 A • at 220 V rated value 1 A • at 200 V rated value 0.15 A operational current at DC-13 0.15 A • at 24 V rated value 10 A • at 25 V rated value 10 A • at 24 V rated value 10 A • at 25 V rated value 0.9 A • at 125 V rated value 0.3 A • at 200 V rated value 0.14 A • at 200 V rated value 0.10 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA rating Conditing of auxiliary contacts according to UL A600 / Q600 Short-circuit protection product function short circuit protection of the main circuit - with type of coordination 1 required • for short-circuit protection of the auxiliary	• at 160 V rated value 6 A • at 120 V rated value 3 A • at 220 V rated value 1 A • at 220 V rated value 0.15 A opprational current at DC-13 0 A • at 43 V rated value 0.14 A • at 43 V rated value 0.4 • at 220 V rated value 0.3 A • at 220 V rated value 0.14 A design of the miniature circuit breaker for short-circuit protection of the auxiliary soutchs g6: 10 A (230 V, 400 A) orbitch at 120 V rated value 0.14 A contact reliability of auxiliary contacts according to U. ILUCSA rating of auxiliary contacts according to UL Accol / Qc00 Stort-circuit protection No odasign of the fuse link - • for short-circuit protection No • for short-circuit protection G6: 63 A (680 V, 100 KA) • for short-circuit protection of the main circuit - • with type of coordination 1 required G5: 20 A (680 V, 100 KA) • for short-circuit protection of the auxiliary switch required G5: 20 A (680 V, 100 KA) • for short-circuit protection of the auxiliary switch required G5: 60 M (100 KA) <td< td=""><td> at 24 V rated value </td><td>10 A</td></td<>	 at 24 V rated value 	10 A
• at 60 V rated value 6 A • at 110 V rated value 3 A • at 122 V rated value 2 A • at 220 V rated value 1 A • at 200 V rated value 0.15 A operational current at DC-13 0.15 A • at 24 V rated value 10 A • at 48 V rated value 2 A • at 25 V rated value 0.4 A • at 25 V rated value 0.4 A • at 25 V rated value 0.3 A • at 200 V rated value 0.1 A • at 200 V rated value 0.1 A • at 200 V rated value 0.1 A eat 600 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings contact reliability of auxiliary contacts contact reliability of auxiliary contacts according to UL A600 / Q600 Short-circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA) - with type of coordination 1 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (69	• at 160 V rated value 6 A • at 120 V rated value 3 A • at 220 V rated value 1 A • at 220 V rated value 0.15 A opprational current at DC-13 0 A • at 43 V rated value 0.14 A • at 43 V rated value 0.4 • at 220 V rated value 0.3 A • at 220 V rated value 0.14 A design of the miniature circuit breaker for short-circuit protection of the auxiliary soutchs g6: 10 A (230 V, 400 A) orbitch at 120 V rated value 0.14 A contact reliability of auxiliary contacts according to U. ILUCSA rating of auxiliary contacts according to UL Accol / Qc00 Stort-circuit protection No odasign of the fuse link - • for short-circuit protection No • for short-circuit protection G6: 63 A (680 V, 100 KA) • for short-circuit protection of the main circuit - • with type of coordination 1 required G5: 20 A (680 V, 100 KA) • for short-circuit protection of the auxiliary switch required G5: 20 A (680 V, 100 KA) • for short-circuit protection of the auxiliary switch required G5: 60 M (100 KA) <td< td=""><td>at 48 V rated value</td><td>6 A</td></td<>	at 48 V rated value	6 A
• at 110 V rated value 3 A • at 125 V rated value 2 A • at 200 V rated value 1 A • at 200 V rated value 0.15 A operational current at DC-13 0 A • at 48 V rated value 2 A • at 110 V rated value 2 A • at 48 V rated value 2 A • at 110 V rated value 1 A • at 110 V rated value 0.9 A • at 200 V rated value 0.1 A design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required 0.1 A contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection Mo design of the suink • • for short-circuit protection of the main circuit G: 63 A (690 V, 100 kA) gG: 10 A (690 V, 100 kA) G: 10 A (690 V, 100 kA) • of or short-circuit protection of the main circuit - with type of coordination 1 required • of or short-circuit protection of the auxiliary switch required G: 10 A (690 V, 100 kA) • of or short-circuit protection of the auxiliary switch required G: 10 A (690 V, 100 kA) • of or short-circuit protection of the auxiliary switch required G: 10 A (690 V, 100 kA) <td>• at 110 V rated value 3 A • at 220 V rated value 1A • at 200 V rated value 0.15 A operational current at DC-13 0 • at 24 V rated value 10 A • at 24 V rated value 0.3 A • at 120 V rated value 0.3 A • at 120 V rated value 0.3 A • at 200 V rated value 0.1 A design of the ministure circuit breaker for short-circuit protection of the auxiliary contacts according to UL. Ac000 / 0000 Contact reliability of auxiliary contacts according to UL. Ac000 / 0000 Short-circuit protection of the main circuit - • or short-circuit protection of the main circuit - • or short-circuit protection of the auxiliary switch gG: 63 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch gG: 00 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch gG: 00 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch gG: 00 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch gG: 00 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch gG: 00 A (690 V, 10 kA) • or short-circ</td> <td></td> <td></td>	• at 110 V rated value 3 A • at 220 V rated value 1A • at 200 V rated value 0.15 A operational current at DC-13 0 • at 24 V rated value 10 A • at 24 V rated value 0.3 A • at 120 V rated value 0.3 A • at 120 V rated value 0.3 A • at 200 V rated value 0.1 A design of the ministure circuit breaker for short-circuit protection of the auxiliary contacts according to UL. Ac000 / 0000 Contact reliability of auxiliary contacts according to UL. Ac000 / 0000 Short-circuit protection of the main circuit - • or short-circuit protection of the main circuit - • or short-circuit protection of the auxiliary switch gG: 63 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch gG: 00 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch gG: 00 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch gG: 00 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch gG: 00 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch gG: 00 A (690 V, 10 kA) • or short-circ		
 at 125 V rated value at 220 V rated value 1 A at 600 V rated value 0.15 A operational current at DC-13 at 24 V rated value 10 A at 48 V rated value 2 A at 110 V rated value 0 9 A at 220 V rated value 0.3 A at 260 V rated value 0.1 A ges of the ministure circuit breaker for short-circuit protection of the auxiliary switch required 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 / Q600 Short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA) gG: 10 A (690 V, 1 kA) required side-by-side mounting +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting rail according to DIN EN 60715 side-by-side mounting Yes height 65 mm width 60 mm depth 	• at 125 V rated value 2 A • at 320 V rated value 0.15 A opperational current at DC-13 0 A • at 32 V rated value 0.16 A • at 43 V rated value 2 A • at 110 V rated value 2 A • at 125 V rated value 0.9 A • at 220 V rated value 0.9 A • at 220 V rated value 0.14 A design of the ministure circuit breaker for short-circuit protection of the auxilary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact ratelability of auxilary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact ratelability of auxilary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact ratelability of auxilary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact ratelability of auxilary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact ratelability of auxilary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact ratelability of auxilary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings contact ratelability contacts 6 for short-circuit protection of ar short-circuit protection of the auxiliary switch required gS: 10 A (600 V, 100 kA) gS: 10 A (600 V, 100 kA)		
• at 220 V rated value 1 A • at 600 V rated value 0.15 A operational current at DC-13 10 A • at 24 V rated value 10 A • at 48 V rated value 2 A • at 110 V rated value 1 A • at 220 V rated value 0.9 A • at 220 V rated value 0.3 A • at 220 V rated value 0.1 A • at 220 V rated value 0.1 A design of the miniture circuit breaker for short-circuit protection of the auxiliary switch required gG: 10 A (230 V, 400 A) protection of the auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings	• at 220 V rated value 1 A • at 600 V rated value 0.15 A • at 24 V rated value 10 A • at 34 V rated value 10 A • at 34 V rated value 10 A • at 34 V rated value 0.9 A • at 25 V rated value 0.3 A • at 260 V rated value 0.3 A • at 200 V rated value 0.3 A • at 200 V rated value 0.3 A • at 200 V rated value 0.1 A Øsign of the ministure circuit breaker for short-circuit protection of the auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings A 600 / Q600 Short-circuit protection of the auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings A 600 / Q600 Short-circuit protection of the main circuit		
• at 600 V rated value 0.15 A operational current at DC-13 10 A • at 24 V rated value 10 A • at 48 V rated value 2 A • at 110 V rated value 1 A • at 125 V rated value 0.9 A • at 220 V rated value 0.3 A • at 600 V rated value 0.1 A design of the miniature circuit breaker for short-circuit protection of the auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings contact reliability of auxiliary contacts according to UL A600 / Q600 Short-circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA) - with type of coordination 1 required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the main circuit - with type of coordination 1 required - with type of coordination 1 required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by + /-22.5° on vertical mounting rulia according to DIN EN 60715 • side-by-side mou	• at 600 V rated value 0.15 Å operational current at DC-13 10 Å • at 43 V rated value 10 Å • at 43 V rated value 10 Å • at 125 V rated value 0.9 Å • at 125 V rated value 0.1 Å • at 120 V rated value 0.1 Å design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required gG: 10 Å (230 V, 400 Å) contact reliability of auxiliary contacts according to UL A600 / Q600 Short-circuit protection No design of the fuse link - • for short-circuit protection of the main circuit - - with type of assignment 2 required gG: 63 Å (690 V, 100 kÅ) • for short-circuit protection of the auxiliary switch gG: 10 Å (690 V, 100 kÅ) • for short-circuit protection of the auxiliary switch gG: 10 Å (690 V, 100 kÅ) • with type of assignment 2 required gG: 20 Å (690 V, 100 kÅ) • with type of assignment 2 required gG: 20 Å (690 V, 100 kÅ) • for short-circuit protection of the auxiliary switch gG: 10 Å (690 V, 100 kÅ) • with type of assignment 2 required gG: 83 Å (690 V, 100 kÅ) • forary ads mountin		
operational current at DC-13 10 A • at 24 V rated value 10 A • at 48 V rated value 2 A • at 10 V rated value 1 A • at 25 V rated value 0.9 A • at 20 V rated value 0.3 A • at 20 V rated value 0.1 A design of the miniature circuit breaker 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 reliability of auxiliary contacts according to UL Short-circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • side-by-side mounting */-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 2	operational current at DC-13 10 A • at 24 V rated value 10 A • at 10 V rated value 2 A • at 110 V rated value 1 A • at 25 V rated value 0.3 A • at 20 V rated value 0.1 A • at 20 V rated value 0.1 A design of the ministure circuit breaker for short-circuit protection of the auxiliary switch required gG: 10 A (230 V, 400 A) contact rating of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA rating of A600 / Q600 Short-circuit protection No design of the fuse link 66 3 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 20 A (690 V, 100 kA) - with type of coordination 1 required gG: 20 A (690 V, 100 kA) - with type of coordination 1 required gG: 20 A (690 V, 100 kA) - side-by-side mounting Hestilation/ mounting/ dimensions Installation/ mounting/ dimensions Fastening method • side-by-side mounting Yes height 85 mm • side-by-side mounting Yes height 97 mm		
• at 24 V rated value 10 A • at 48 V rated value 2 A • at 110 V rated value 1 A • at 125 V rated value 0.9 A • at 220 V rated value 0.3 A • at 600 V rated value 0.1 A design of the miniature circuit breaker 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	• at 24 V rated value 10 A • at 48 V rated value 2 A • at 125 V rated value 0.9 A • at 25 V rated value 0.3 A • at 25 V rated value 0.1 A • at 600 V rated value 0.1 A • contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) U/CSA rating of auxiliary contacts according to UL A600 / Q600 Stort-circuit protection No design of the fuse link • for short-circuit protection of the main circuit • for short-circuit protection of the auxiliary switch gG: 30 A (690 V, 100 kA) • at 600 V-focul protection of the auxiliary switch gG: 30 A (690 V, 100 kA) • at 61 do -by-side mounting +/-180" rotation possible on vertical mounting surface; can be tilted for short-circuit protection of the auxiliary switch gG: 10 A (290 V, 100 kA) • side-by-side mounting +/-180" rotation possible on vertical mounting surface; can be tilted <td< td=""><td></td><td>0.10 A</td></td<>		0.10 A
• at 48 V rated value 2 A • at 110 V rated value 1 A • at 125 V rated value 0.9 A • at 220 V rated value 0.3 A • at 600 V rated value 0.1 A design of the miniature circuit breaker 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 Short-circuit protection A600 / Q600 Short-circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 20 A (690 V, 100 kA) - with type of coordination 1 required gG: 10 A (690 V, 100 kA) - or short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting ruliace fastening method screw and snap-on mounting onto 35 mm standard mounting ruli according to DIN EN 60715 • side-by-side mounting Yes height 65 mm width 60 mm <td>• at 48 V rated value 2 A • at 110 V rated value 1 A • at 220 V rated value 0.9 A • at 220 V rated value 0.1 A design of the miniature circuit breaker for short-circuit protection of the auxiliary soutch required gG: 10 A (230 V, 400 A) contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) U/CSA ratings </td> <td></td> <td>10.4</td>	• at 48 V rated value 2 A • at 110 V rated value 1 A • at 220 V rated value 0.9 A • at 220 V rated value 0.1 A design of the miniature circuit breaker for short-circuit protection of the auxiliary soutch required gG: 10 A (230 V, 400 A) contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) U/CSA ratings		10.4
• at 110 V rated value 1 A • at 125 V rated value 0.9 A • at 220 V rated value 0.3 A • at 600 V rated value 0.1 A design of the miniature circuit breaker 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	• at 110 V rated value 1 A • at 125 V rated value 0.9 A • at 260 V rated value 0.1 A design of the miniature circuit breaker for short-circuit gG: 10 A (230 V, 400 A) protection of the auxiliary south required 1 fault switching per 100 million (17 V, 1 mA) U/CSA ratings Contact reliability of auxiliary contacts according to UL Short-circuit protection A600 / Q600 Short-circuit protection of the main circuit - with type of coordination 1 required gG: 80 A (690 V, 100 kA) gG: 20 A (690 V, 100 kA) • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 80 A (690 V, 100 kA) gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) fastening method screw and snap-on mounting onto 25 mm standard mounting surface side-by-side mounting Yes height 86 mm • with side-by-side mounting Yes • onwards 10 mm - onward		
• at 125 V rated value 0.9 Å • at 220 V rated value 0.3 Å • at 600 V rated value 0.1 Å design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required gG: 10 Å (230 V, 400 Å) contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mÅ) UL/CSA ratings contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection product function short circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 Å (690 V, 100 kÅ) - with type of assignment 2 required gG: 10 Å (690 V, 100 kÅ) • for short-circuit protection of the auxiliary switch required gG: 10 Å (690 V, 100 kÅ) Installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm depth 97 mm	• at 125 V rated value 0.9 Å • at 200 V rated value 0.3 Å • at 600 V rated value 0.1 Å design of the miniature circuit breaker for short-circuit protection of the auxiliary soutch required gG: 10 Å (230 V, 400 Å) contact rating of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mÅ) U/CSA ratings		
• at 220 V rated value 0.3 A • at 600 V rated value 0.1 A design of the miniature circuit breaker 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 / Q600 Short-circuit protection product function short circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA) - with type of assignment 2 required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required	• at 220 V rated value 0.3 Å • at 600 V rated value 0.1 Å design of the miniture circuit breaker 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 A600 / Q600 Short-circuit protection No gG: 63 A (690 V, 100 kA) gG: 63 A (690 V, 100 kA) • for short-circuit protection of the main circuit - with type of coordination 1 required • for short-circuit protection of the auxiliary switch required gG: 63 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch required gG: 20 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch required gG: 63 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch required gG: 20 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch required gG: 00 A (690 V, 100 kA) • or short-circuit protection of the auxiliary switch required gG: 00 A (690 V, 100 kA) • side-by-side mounting +/-180° rotation possible on vertical mounting surface: can be tilted forward and backward by +/- 22.5° on vertical mounting rail according to DN EM 60715 • side-by-side mounting - forwards 10 mm • with side-by-side mounting - forwards 10 mm • of wards 10 mm		
• at 600 V rated value 0.1 A design of the miniature circuit breaker 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 A600 / Q600 Short-circuit protection A600 / Q600 Short-circuit protection short circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA) - with type of assignment 2 required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 10 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 10 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 10 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 10 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 10 kA) • for short-circuit protection of the auxiliary switch required <t< td=""><td>• at 600 V rated value 0.1 A design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required 96: 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 reliability of auxiliary contacts according to UL Short-circuit protection A600 / Q600 Short-circuit protection of the main circuit - • for short-circuit protection of the main circuit No • for short-circuit protection of the main circuit - • with type of coordination 1 required gG: 63 A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 0A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 0A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 0A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 0A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 0A (690 V, 100 KA) • for short-circuit protection gG: 0A (690 V, 100 KA) • for short-circuit protection gG: 0A (690 V, 100 KA) • for short-circuit protection gG: 60 (690</td><td></td><td></td></t<>	• at 600 V rated value 0.1 A design of the miniature circuit breaker for short-circuit protection of the auxiliary switch required 96: 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 reliability of auxiliary contacts according to UL Short-circuit protection A600 / Q600 Short-circuit protection of the main circuit - • for short-circuit protection of the main circuit No • for short-circuit protection of the main circuit - • with type of coordination 1 required gG: 63 A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 0A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 0A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 0A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 0A (690 V, 100 KA) • for short-circuit protection of the auxiliary switch required gG: 0A (690 V, 100 KA) • for short-circuit protection gG: 0A (690 V, 100 KA) • for short-circuit protection gG: 0A (690 V, 100 KA) • for short-circuit protection gG: 60 (690		
design of the miniature circuit breaker 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 Short-circuit protection A600 / Q600 Short-circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA) - with type of assignment 2 required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (230 V, 200 kA) - with type of assignment 2 required gG: 63 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) Installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm depth 97 mm	design of the miniature circuit breaker 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 A600 / Q600 Short-circuit protection No graduet function short circuit protection of the main circuit		
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UL/CSA ratings contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection Product function short circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA) - with type of assignment 2 required gG: 20 A (690 V, 100 kA) - with type of assignment 2 required • for short-circuit protection of the auxiliary switch required required gG: 10 A (690 V, 100 kA) Installation/mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm depth 97 mm	UL/CSA ratings contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection No product function short circuit protection of the main circuit No - with type of assignment 2 required gG: 63 A (690 V, 100 kA) - with type of assignment 2 required gG: 20 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (690 V, 100 kA) - with side by-side mounting outling surface; can be tilted forward and backward by +/ 22.5" on vertical mounting surface; can be tilted forward and backward by +/ 22.5" on vertical mounting surface fastening method screw and snap-on mounting outloa (50 mm standard mounting rail according to DIN EN 60715 ves height 85 mm width 60 mm 10 mm - prowards 10 mm 10 mm - downwards 10 mm 10 mm - at the side 6 mm <		
contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection No product function short circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA) - with type of assignment 2 required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) Installation/ mounting/ dimensions gG: 10 A (690 V, 100 kA) mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm depth 97 mm	contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection No design of the fuse link •		1 faulty switching per 100 million (17 V, 1 mA)
Short-circuit protection No product function short circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA) - with type of assignment 2 required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) Installation/ mounting/ dimensions gG: 10 A (690 V, 100 kA) mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm depth 97 mm	Short-circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA)		
product function short circuit protection No design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 63 A (690 V, 100 kA) - with type of assignment 2 required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 1 kA) Installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm 97 mm 97 mm	product function short circuit protection No design of the fuse link • with type of coordination 1 required gG: 63 A (690 V, 100 kA) with type of assignment 2 required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) Installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface: fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm depth 97 mm required spacing • • with side-by-side mounting 10 mm - downwards 10 mm - downwards 0 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - forwards 10 mm - forwards 10 mm - downwards		A600 / Q600
design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required with type of assignment 2 required for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions Installation/ mounting/ dimensions #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method side-by-side mounting Yes height 85 mm width 60 mm 97 mm 	design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required gG: 63 A (690 V, 100 kA) for short-circuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 100 kA) gG: 10 A (690 V, 100 kA) installation/ mounting/ dimensions #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface iside-by-side mounting +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting rail according to DIN EN 60715 side-by-side mounting Yes height width 60 mm depth 97 mm required spacing with side-by-side mounting - forwards - upwards - upwards - forwards - upwards - forwards - of orwards - forwards - forwards - upwards - of orwards - upwards - upwards - forwards - forwards - upwards - forwards - forwards - upwards - forwards - upwards - upwards - forwards - forwards - upwards - mm - forwards - upwards - forwa	Short-circuit protection	
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with type of coordination 1 requiredgG: 63 A (690 V, 100 kA) with type of assignment 2 requiredgG: 20 A (690 V, 100 kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (690 V, 1 kA)Installation/mounting/ dimensions+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surfacefastening methodscrew and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715• side-by-side mountingYesheight85 mmwidth60 mmdepth97 mm	with type of coordination 1 required gG: 63 A (690 V, 100 kA) with type of assignment 2 required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 10 kA) Installation/mounting/dimensions	design of the fuse link	
with type of assignment 2 requiredgG: 20 A (690 V, 100 kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (690 V, 1 kA)Installation/ mounting/ dimensionsmounting position+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surfacefastening methodscrew and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715• side-by-side mountingYesheight85 mmwidth60 mmdepth97 mm	with type of assignment 2 required gG: 20 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (690 V, 1 kA) Installation/ mounting/ dimensions	 for short-circuit protection of the main circuit 	
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mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm depth 97 mm	mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715 • side-by-side mounting Yes height 85 mm width 60 mm depth 97 mm required spacing 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - for grounded parts - - forwards 10 mm - upwards 10 mm - at the side 0 mm - ownwards 10 mm - upwards 10 mm - forwards 10 mm - upwards 10 mm - ownwards 10 mm - upwards 10 mm - downwards 10 mm	required	
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width 60 mm depth 97 mm	width 60 mm depth 97 mm required spacing 97 mm • with side-by-side mounting 10 mm - forwards 10 mm - upwards 10 mm - downwards 10 mm - adwnwards 10 mm - at the side 0 mm • for grounded parts 0 mm - forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - downwards 10 mm - forwards 10 mm - forwards 10 mm - downwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 6 mm		
depth 97 mm	depth97 mmrequired spacingI0 mm- forwards10 mm- upwards10 mm- downwards10 mm- downwards0 mm- at the side0 mmof or grounded parts10 mm- forwards10 mm- at the side0 mmof or grounded parts10 mm- at the side6 mm- at the side6 mm- at the side6 mm- downwards10 mm- at the side6 mm- downwards10 mm- for wards10 mm- for wards10 mm- forwards10 mm- forwards10 mm- at the side6 mm- downwards10 mm- downwards10 mm- at the side6 mm		Yes
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	at the side0 mm• for grounded parts forwards10 mm upwards10 mm at the side6 mm downwards10 mm• for live parts forwards10 mm upwards10 mm downwards10 mm at the side6 mm	width depth required spacing • with side-by-side mounting — forwards	Yes 85 mm 60 mm 97 mm 10 mm
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- at the side 0 mm	- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm• for live parts forwards10 mm- upwards10 mm- upwards10 mm- at the side6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards	Yes 85 mm 60 mm 97 mm 10 mm 10 mm
● for grounded parts	upwards10 mm at the side6 mm downwards10 mm• for live parts forwards10 mm upwards10 mm downwards10 mm at the side6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm
	at the side 6 mm downwards 10 mm • for live parts - forwards 10 mm upwards 10 mm downwards 10 mm at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm
	downwards10 mm• for live parts forwards10 mm upwards10 mm downwards10 mm at the side6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 0 mm
— forwards 10 mm	• for live parts 10 mm — forwards 10 mm — upwards 10 mm — downwards 10 mm — at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 0 mm
— forwards 10 mm — upwards 10 mm	forwards 10 mm upwards 10 mm downwards 10 mm at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — upwards	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 0 mm 10 mm 10 mm
forwards 10 mm upwards 10 mm at the side 6 mm	forwards 10 mm upwards 10 mm downwards 10 mm at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm
- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm	— upwards 10 mm — downwards 10 mm — at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — upwards — at the side — downwards	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm
forwards 10 mm upwards 10 mm at the side 6 mm downwards 10 mm • for live parts 10 mm	downwards 10 mm at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — forwards — forwards — forwards — forwards — ownwards — at the side — for live parts	Yes 85 mm 60 mm 97 mm 10 mm
- forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm • for live parts 10 mm - forwards 10 mm	- at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — oforwards — upwards — forwards — forwards — of proverds — at the side — ownwards — for live parts — forwards • for live parts — forwards	Yes 85 mm 60 mm 97 mm 10 mm
forwards10 mm upwards10 mm at the side6 mm downwards10 mm• for live parts forwards10 mm upwards10 mm		width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — ownwards — forwards — ownwards — forwards — at the side — downwards • for live parts — forwards — upwards • for live parts — upwards — upwards	Yes 85 mm 60 mm 97 mm 10 mm
- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm• for live parts forwards10 mm- upwards10 mm- upwards10 mm- downwards10 mm		width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — at the side • for grounded parts — forwards — at the side — forwards — at the side — downwards • for live parts — forwards — upwards — downwards	Yes 85 mm 60 mm 97 mm 10 mm
	• for grounded partsI0 mm- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm• for live parts forwards10 mm- upwards10 mm- at the side6 mm- forwards10 mm- upwards10 mm- upwards10 mm- downwards6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards	Yes 85 mm 60 mm 97 mm 10 mm 10 mm
— at the side 0 mm	- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm• for live parts forwards10 mm- upwards10 mm- upwards10 mm- at the side6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards	Yes 85 mm 60 mm 97 mm 10 mm 10 mm
• for arounded parts	- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm• for live parts forwards10 mm- upwards10 mm- upwards10 mm- at the side6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm
	upwards10 mm at the side6 mm downwards10 mm• for live parts forwards10 mm upwards10 mm downwards10 mm at the side6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm
	at the side6 mm downwards10 mm• for live parts forwards10 mm upwards10 mm downwards10 mm at the side6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 0 mm
— forwards 10 mm	downwards10 mm• for live parts forwards10 mm upwards10 mm downwards10 mm at the side6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 0 mm
— forwards 10 mm — upwards 10 mm	• for live parts 10 mm — forwards 10 mm — upwards 10 mm — downwards 10 mm — at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — upwards	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 0 mm 10 mm 10 mm
forwards 10 mm upwards 10 mm at the side 6 mm	forwards 10 mm upwards 10 mm downwards 10 mm at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm
- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm	— upwards 10 mm — downwards 10 mm — at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — upwards — at the side — downwards	Yes 85 mm 60 mm 97 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm
forwards 10 mm upwards 10 mm at the side 6 mm downwards 10 mm • for live parts 10 mm	downwards 10 mm at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — forwards — forwards — forwards — forwards — ownwards — at the side — for live parts	Yes 85 mm 60 mm 97 mm 10 mm
- forwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm • for live parts 10 mm - forwards 10 mm	- at the side 6 mm	width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — oforwards — upwards — forwards — forwards — of proverds — at the side — ownwards — for live parts — forwards • for live parts — forwards	Yes 85 mm 60 mm 97 mm 10 mm
- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm• for live parts forwards10 mm- upwards10 mm		width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — ownwards — forwards — ownwards — forwards — at the side — downwards • for live parts — forwards — upwards • for live parts — upwards — upwards	Yes 85 mm 60 mm 97 mm 10 mm
- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm• for live parts forwards10 mm- upwards10 mm- upwards10 mm- downwards10 mm		width depth required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — at the side • for grounded parts — forwards — at the side — forwards — at the side — downwards • for live parts — forwards — upwards — downwards	Yes 85 mm 60 mm 97 mm 10 mm

type of electrical connection	
type of electrical connection for main current circuit 	screw-type terminals
 for main current circuit for auxiliary and control circuit 	screw-type terminals
at contactor for auxiliary contacts	Screw-type terminals
of magnet coil	Screw-type terminals
type of connectable conductor cross-sections	
for main contacts	
— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
— solid or stranded	2x (1 2.5 mm ²), 2x (2.5 10 mm ²)
— finely stranded with core end processing	2x (1 2.5 mm ²), 2x (2.5 6 mm ²), 1x 10 mm ²
at AWG cables for main contacts	2x (16 12), 2x (14 8)
connectable conductor cross-section for main contacts	
• solid	1 10 mm ²
 solid or stranded 	1 10 mm²
stranded	1 10 mm²
 finely stranded with core end processing 	1 10 mm ²
connectable conductor cross-section for auxiliary contacts	
solid or stranded	0.5 2.5 mm ²
 finely stranded with core end processing 	0.5 2.5 mm²
type of connectable conductor cross-sections	
for auxiliary contacts	
— solid	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)
— solid or stranded	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)
— finely stranded with core end processing	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)
at AWG cables for auxiliary contacts	2x (20 16), 2x (18 14)
AWG number as coded connectable conductor cross section	16 9
for main contacts	168 2014
for auxiliary contacts	20 14
Safety related data	
product function	Von
mirror contact according to IEC 60947-4-1 T1 value for proof test interval or service life according to	Yes
IEC 61508	20 y IP20
protection class IP on the front according to IEC 60529	
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Communication/ Protocol	
product function bus communication	No
Certificates/ approvals	
General Product Approval	EMC
Functional Safety/Safety of Declaration of Conformity Machinery	Test Certificates Marine / Shipping
Type Examination Certificate EG-Konf.	Type Test Certific- ates/Test Report Special Test Certific- ate Special Test Certific- ate ABS
Marine / Shipping	other

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Confirmation

other



Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2326-1AL20

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2326-1AL20

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RT2326-1AL20

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

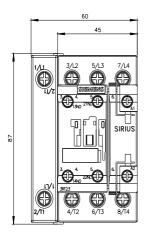
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2326-1AL20&lang=en

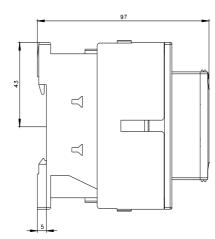
Characteristic: Tripping characteristics, I2t, Let-through current

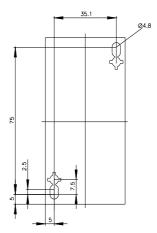
https://support.industry.siemens.com/cs/ww/en/ps/3RT2326-1AL20/char

Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2326-1AL20&objecttype=14&gridview=view1







last modified:

3/18/2022 🖸