SIEMENS

Data sheet

3RT2025-1AP00



power contactor, AC-3 17 A, 7.5 kW / 400 V 1 NO + 1 NC, 230 V AC, 50 Hz, 3-pole, Size S0 screw terminal

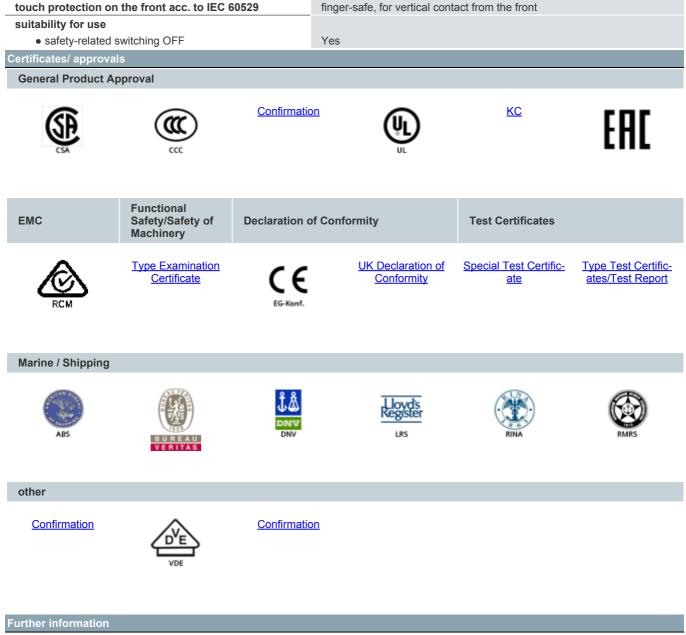
product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	SO
product extension	
 function module for communication 	No
auxiliary switch	Yes
power loss [W] for rated value of the current at AC in hot operating state	2.7 W
per pole	0.9 W
power loss [W] for rated value of the current without load current share typical	7.6 W
surge voltage resistance	
 of main circuit rated value 	6 kV
of auxiliary circuit rated value	6 kV
maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at AC	7,5g / 5 ms, 4,7g / 10 ms
shock resistance with sine pulse	
• at AC	11,8g / 5 ms, 7,4g / 10 ms
mechanical service life (switching cycles)	
 of contactor typical 	10 000 000
 of the contactor with added electronically optimized auxiliary switch block typical 	5 000 000
 of the contactor with added auxiliary switch block typical 	10 000 000
reference code acc. to IEC 81346-2	Q
Substance Prohibitance (Date)	01.10.2009
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 acc. to IEC 60068-2-30 maximum	95 %
Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3

operating voltage at AC 2 rated value maximum	600.1/
operating voltage at AC-3 rated value maximum	690 V
operational current	40 A
 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	17 A
— at 500 V rated value	17 A
— at 690 V rated value	13 A
at AC-4 at 400 V rated value	15.5 A
• at AC-5a up to 690 V rated value	35.2 A
• at AC-5b up to 400 V rated value	14.1 A
• at AC-6a	
 — up to 230 V for current peak value n=20 rated value 	11.4 A
 — up to 400 V for current peak value n=20 rated value 	11.4 A
— up to 500 V for current peak value n=20 rated value	11.4 A
 — up to 690 V for current peak value n=20 rated value at AC-6a 	11.3 A
 — up to 230 V for current peak value n=30 rated value 	7.6 A
 — up to 400 V for current peak value n=30 rated value 	7.6 A
 — up to 500 V for current peak value n=30 rated value 	7.6 A
 — up to 690 V for current peak value n=30 rated value 	7.6 A
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm ²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	7.7 A
• at 690 V rated value	7.7 A
operational current	
 at 1 current path at DC-1 	
— at 24 V rated value	35 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
with 2 current paths in series at DC-1	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	5 A
— at 440 V rated value	1A
— at 600 V rated value	0.8 A
• with 3 current paths in series at DC-1	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
• at 1 current path at DC-3 at DC-5	
— at 24 V rated value	20 A
— at 110 V rated value	2.5 A
— at 220 V rated value	1 A

	0.00 A
— at 440 V rated value	0.09 A
 — at 600 V rated value • with 2 current paths in series at DC-3 at DC-5 	0.06 A
with 2 current paths in series at DC-3 at DC-5 — at 24 V rated value	35 A
— at 110 V rated value	15 A
— at 220 V rated value	3A
— at 440 V rated value	0.27 A
— at 600 V rated value	0.16 A
• with 3 current paths in series at DC-3 at DC-5	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	10 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
operating power	
• at AC-3	
— at 230 V rated value	4 kW
— at 400 V rated value	7.5 kW
— at 500 V rated value	7.5 kW
— at 690 V rated value	11 kW
operating power for approx. 200000 operating cycles at AC-4	
at 400 V rated value	3.5 kW
at 690 V rated value	6 kW
operating apparent power at AC-6a	
• up to 230 V for current peak value n=20 rated value	4.5 kV·A
• up to 400 V for current peak value n=20 rated value	7.8 kV·A
• up to 500 V for current peak value n=20 rated value	9.9 kV·A
• up to 690 V for current peak value n=20 rated value	13.6 kV·A
operating apparent power at AC-6a	
 up to 230 V for current peak value n=30 rated value 	3 kV·A
 up to 400 V for current peak value n=30 rated value 	5.2 kV·A
 up to 500 V for current peak value n=30 rated value 	6.6 kV·A
 up to 690 V for current peak value n=30 rated value 	9.1 kV·A
short-time withstand current in cold operating state up to 40 °C	
 limited to 1 s switching at zero current maximum 	225 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	225 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	180 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	115 A; Use minimum cross-section acc. to AC-1 rated value
Imited to 60 s switching at zero current maximum	96 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	E 000 4/h
• at AC	5 000 1/h
operating frequency	1,000,1/b
 at AC-1 maximum at AC-2 maximum 	1 000 1/h 1 000 1/h
• at AC-2 maximum • at AC-3 maximum	1 000 1/h
• at AC-4 maximum	300 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
at 50 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
apparent pick-up power of magnet coil at AC	
• at 50 Hz	65 V·A
inductive power factor with closing power of the coil	
• at 50 Hz	0.82
apparent holding power of magnet coil at AC	
• at 50 Hz	7.6 V·A

oil 4.6 0 / L2 0.25 closing delay 440 ms oppring delay 416 ms a A AC 416 ms a AC 540 ms control version of the switch operating mechanism 340 ms Availanty crients 1010 ms Standard A1 - A2 Availanty crients Pumber of NC contacts for availary contacts 1 instantaneous contact 1 Pumber of NC contacts for availary contacts 1 instantaneous contact 1 operational current at AC-15 6 • 4.100 Vitatel value 0 A	inductive power factor with the holding power of the	_
clearing delay a		
• e1 AC B., 40 ms oppining delay 4 16 ms • e1 AC 4 16 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit Instantaneous contacts for auxiliary contacts 1 mumber of NC contacts for auxiliary contacts 1 1 method and Contacts for auxiliary contacts 1 1 operational current at AC-15 1 1 • e1 20 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 40 V rated value 0 A 2 • e1 40 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V rated value 0 A 2 • e1 60 V ra	• at 50 Hz	0.25
opening delay 4 16 ms • et AC 4 16 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit 1 number of NC contacts for auxiliary contacts 1 instantaneous contact 1 operational current at AC-13 maximum 10 A operational current at AC-13 1 operational current at AC-13 1 operational current at AC-13 1 operational current at AC-12 1 operational current at AC-12 1 operational current at DC-12 1 oil 24 V rated value 1A operational current at DC-12 1 oil 24 V rated value 1A operational current at DC-12 1 oil 24 V rated value 1A operational current at DC-13 1 oil 24 V rated value 1A operational current at DC-13 1A ot 00 V rated value 1A ot 00 V rated value 1A ot 00 V rated value 0.A ot 120 V rated value	closing delay	
• e.i A.C. 4 10 ms ercing time 10 10 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary contacts for auxiliary contacts 1 Instantaneous contact for auxiliary contacts 1 Instantaneous contact for auxiliary contacts 1 Operational current at AC-15 1 • et 30 V rated value 3 A • at 680 V rated value 3 A • at 680 V rated value 6 A • at 680 V rated value 7 A • at 680 V rated value 9 A • at 72 V rated value 9 A • at 680 V rated value 7 A • at 680 V rated value 7 A • at 680 V rated value 9 A • at 680 V rated value 9 A • at 680 V rated value <	• at AC	8 40 ms
arcing time 1010 ms control varsion of the switch operating mechanism Standard A1 - A2 Auxiliary circuit I number of NC contacts for auxiliary contacts 1 instantaneous contact 1 operational current at AC-15 1 eit 300 V rated value 10 A operational current at AC-15 1 eit 300 V rated value 1A operational current at AC-15 1 eit 300 V rated value 1A operational current at AC-16 1 eit 300 V rated value 1A operational current at DC-12 1A eit 300 V rated value 6A eit 120 V rated value 6A eit 120 V rated value 1A operational current at DC-12 015 A eit 120 V rated value 0.15 A operational current at DC-13 0.15 A operational current at VB-03 0.15 A operational current at VB-04 0.10 A eit 30 V rated value 11 fatly switching per 100 million (17 V, 1 mA)	opening delay	
Control version of the switch operating mechanism Standard A1 - A2 Auxiliary contacts I Instantaneous contacts for auxiliary contacts 1 Instantaneous contacts for auxiliary contacts 1 Operational current at AC-15 1 • at 200 V rated value 3 A • at 800 V rated value 2 A • at 800 V rated value 2 A • at 800 V rated value 1 A Operational current at AC-15 1 • at 800 V rated value 2 A • at 800 V rated value 2 A • at 800 V rated value 6 A • at 800 V rated value 6 A • at 600 V rated value 6 A • at 600 V rated value 0 A • at 600 V rated value 0 A • at 800 V rated value 2 A • at 800 V rated value 0 A • at 800 V rated value 0 A • at 800 V rated va	• at AC	4 16 ms
Austiany stront 1 number of NC contacts for auxiliary contacts 1 instantaneous contact 1 operational current at AC-15 1 • at 330 V rated value 10 A • at 600 V rated value 2 A • at 600 V rated value 1 A • at 600 V rated value 6 A • at 600 V rated value 10 A • at 600 V rated value 10 A • at 600 V rated value 2 A • at 600 V rated value 2 A • at 600 V rated value 1 A • at 600	arcing time	10 10 ms
number of NC contacts for auxiliary contacts 1 Instantaneous contact 1 instantaneous contact 1 operational current at AC-12 maximum 10 A operational current at AC-15 10 A et at 30 V rated value 3 A et 43 V rated value 10 A operational current at AC-15 0 A et 43 V rated value 3 A et 43 V rated value 6 A et 42 V rated value 10 A et 42 V rated value 10 A et 43 V rated value 10 A et 44 V rated value 10 A et 42 V rated value 10 A et 42 V rated value 10 A et 43 V rated value 10 A et 44 V rated value 10 A et 44 V rated value 10 A et 43 V rated value 10 A et 44 V rated value 10 A et 40 V rated value 10 A et 40 V rated value <td>control version of the switch operating mechanism</td> <td>Standard A1 - A2</td>	control version of the switch operating mechanism	Standard A1 - A2
Instantaneous contact in availary contacts if available in the instant ins	Auxiliary circuit	
number of NO contacts for auxiliary contacts 1 instantaneous contact 10 A operational current at AC-12 maximum 10 A et at 30 V rated value 3A et 30 V rated value 3A et 30 V rated value 1A operational current at AC-15 1A et 30 V rated value 3A et 30 V rated value 1A operational current at DC-12 1A et 30 V rated value 6A et 48 V rated value 6A et 41 DV rated value 3A et 12 V rated value 1A operational current at DC-13 10 A et 48 V rated value 1A operational current at DC-13 10 A et 48 V rated value 2A et 48 V rated value 2A et 48 V rated value 1A et 30 V rated value 1A et 40 V rated value 1A et 40 V rated value 1A et 400 V rated value 1A et 300 V rated value 1A et 300 V rated value		1
Instantaneous contact operational current at AC-15 int 230 V rated value if 400 V rated value		
operational current at AC-15 10 A • at 230 V rated value 10 A • at 600 V rated value 2 A • at 600 V rated value 1 A operational current at DC-12 1 A • at 80 V rated value 6 A • at 80 V rated value 2 A • at 220 V rated value 2 A • at 220 V rated value 1 A • at 220 V rated value 0.15 A operational current at DC-13 0.15 A • at 80 V rated value 2 A • at 80 V rated value 2 A • at 80 V rated value 2 A • at 80 V rated value 0.9 A • at 22 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULC5A ratings 1 Vielded mechanical performance [hp] 6 ror single-phase AC motor at 480 V rated value 1 hp		1
• at 230 V rated value 10 A • at 600 V rated value 3 A • at 600 V rated value 1 A operational current at DC-12 • • at 24 V rated value 10 A • at 24 V rated value 6 A • at 24 V rated value 6 A • at 24 V rated value 6 A • at 250 V rated value 3 A • at 125 V rated value 6 A • at 125 V rated value 1 A • at 200 V rated value 1 A • at 600 V rated value 0 A • at 125 V rated value 0.3 A • at 600 V rated value 0.1 A • at 600 V rated value 0.1 A • at 600 V rated value 1 A </td <td>operational current at AC-12 maximum</td> <td>10 A</td>	operational current at AC-12 maximum	10 A
• at 400 V rated value 3 A • at 500 V rated value 2 A • at 500 V rated value 1 A opprational current at DC-12 • • at 24 V rated value 6 A • at 48 V rated value 6 A • at 48 V rated value 6 A • at 150 V rated value 6 A • at 150 V rated value 7 A • at 20 V rated value 0.1 S A • at 20 V rated value 0.1 S A • at 20 V rated value 0.1 S A • at 20 V rated value 0.1 A • at 20 V rated value 0.1 A • at 80 V rated value 2 A • at 80 V rated value 0.1 A • at 80 V rated value 0.3 A • at 80 V rated value 0.1 A • at 20 V rated value 0.1 A • at 80 V rated value 0.1 A • at 80 V rated value 1 A • at 80 V rated value 1 A • at 20 V rated value 1 A • at 20 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings 1 hp • at 800 V rated value 1 A • at 800 V rated value 1 hp • at 800 V rated value 3 hp	operational current at AC-15	
• at 500 V rated value 2 A • at 500 V rated value 1 A operational current at DC-12 10 A • at 40 V rated value 6 A • at 40 V rated value 6 A • at 100 V rated value 3 A • at 100 V rated value 1 A • at 20 V rated value 3 A • at 20 V rated value 1 A • at 20 V rated value 1 A • at 20 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 0.15 A operational current at DC-13 0 A • at 24 V rated value 2 A • at 100 V rated value 2 A • at 48 V rated value 0.9 A • at 20 V rated value 0.3 A • at 200 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UUCSA ratings 1 A full-ad current (FLA) for 3-phase AC motor 1 A • at 800 V rated value 1 A • at 600 V rated value 1 P • at 600 V rated value	 at 230 V rated value 	10 A
• at 690 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 60 V rated value 6 A • at 125 V rated value 2 A • at 220 V rated value 0.15 A operational current at DC-13 0 A • at 60 V rated value 0.15 A operational current at DC-13 0 A • at 60 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 0.9 A • at 10 V rated value 0.1 A • at 220 V rated value 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 A • at 600 V rated value	 at 400 V rated value 	3 A
operational current at DC-12 10 A • at 24 V rated value 10 A • at 48 V rated value 6 A • at 10 V rated value 6 A • at 100 V rated value 3 A • at 220 V rated value 2 A • at 200 V rated value 0.15 A Operational current at DC-13 10 A • at 40 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 2 A • at 40 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 0.9 A • at 220 V rated value 0.3 A • at 60 V rated value 0.1 A • at 60 V rated value 1 hp - at 200/208 V ra	• at 500 V rated value	2 A
 at 24 V rated value at 48 V rated value 6 A at 48 V rated value 6 A at 110 V rated value 3 A at 125 V rated value 2 A at 220 V rated value 1 A at 600 V rated value 0.15 A operational current at DC-13 at 48 V rated value 0.15 A operational current at DC-13 at 24 V rated value 0.16 A at 82 V rated value 1 A at 60 V rated value 2 A at 60 V rated value 3 A at 125 V rated value 3 A at 200 V rated value 0.3 A at 200 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/SA ratings full-load current (FLA) for 3-phase AC motor at 600 V rated value 1 A at 600 V rated value 1 A for single-phase AC motor - at 100/120 V rated value 1 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 1 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value - at 675/500 V rated value - at 460/480 V rated	at 690 V rated value	1 A
• at 48 V rated value 6 A • at 100 V rated value 3 A • at 125 V rated value 2 A • at 220 V rated value 0.15 A • at 200 V rated value 0.15 A • at 20 V rated value 0.15 A • at 24 V rated value 0.15 A • at 24 V rated value 10 A • at 48 V rated value 2 A • at 10 V rated value 2 A • at 22 V rated value 0.3 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/UCSA ratings 14 A full-load current (FLA) for 3-phase AC motor 1 4 A • at 400 V rated value 17 A vielded mechanical performance [hp] 1 hp • for single-phase AC motor 1 hp - at 200/208 V rated value 3 hp • for 3-phase AC motor 3 hp - at 200/208 V rated value 1 hp	operational current at DC-12	
• at 60 V rated value 6 Å • at 110 V rated value 3 Å • at 220 V rated value 2 Å • at 220 V rated value 1 Å • at 600 V rated value 0.15 Å operational current at DC-13 0 • at 24 V rated value 10 Å • at 48 V rated value 2 Å • at 24 V rated value 2 Å • at 60 V rated value 2 Å • at 10 V rated value 0.4 • at 24 V rated value 0.4 • at 25 V rated value 0.3 Å • at 200 V rated value 0.1 Å contact reliability of auxiliary contacts 1 fully switching per 100 million (17 V, 1 mÅ) ULCSA ratings 14 Å • at 600 V rated value 14 Å • at 600 V rated value 17 Å • jeilede mechanical performance [tp] • for single-phase AC motor • for 3-phase AC motor - - at 200/208 V rated value 1 hp - at 200/208 V rated value 3 hp • for 3-phase AC motor - - at 200/208 V rated value 5 hp - at 200/208 V rated value 5 hp - at 200/208 V rated value 10 hp - at 200/208 V rated value 5 hp - at 460/40 V rated value 10 hp	• at 24 V rated value	10 A
at 110 V rated value 3 Å at 125 V rated value 2 Å at 1220 V rated value 0.15 Å opperational current at DC-13 0.15 Å • at 24 V rated value 0.15 Å opperational current at DC-13 10 Å • at 24 V rated value 2 Å • at 40 V rated value 2 Å • at 40 V rated value 2 Å • at 60 V rated value 0.9 Å • at 25 V rated value 0.9 Å • at 220 V rated value 0.1 Å • at 220 V rated value 0.1 Å contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor 1 faulty switching per 100 million (17 V, 1 mA) ui/CSA ratings 1 faulty switching per 100 million (17 V, 1 mA) ui/CSA ratings 1 faulty switching per 100 million (17 V, 1 mA) ui/CSA ratings 1 faulty switching per 100 million (17 V, 1 mA) ui/CSA ratings 1 faulty switching per 100 million (17 V, 1 mA) ui/CSA ratings 1 faulty switching per 100 million (17 V, 1 mA) ui/CSA ratings 1 hp • for single-phase AC motor	 at 48 V rated value 	6 A
• at 125 V rated value 2 A • at 220 V rated value 0.15 A operational current at DC-13 • • at 24 V rated value 10 A • at 24 V rated value 2 A • at 40 V rated value 2 A • at 60 V rated value 2 A • at 10 V rated value 2 A • at 110 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 contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 14 A totlood current (FLA) for 3-phase AC motor 1 A • at 600 V rated value 1 hp • at 200 Z08 V rated value 1 hp • at 200/208 V rated value 3 hp • for 3-phase AC	• at 60 V rated value	6 A
• 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 600 V rated value 2 A • at 100 V rated value 1 A • at 110 V rated value 0.9 A • at 220 V rated value 0.3 A • at 200 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 full-load current (FLA) for 3-phase AC motor 1 • at 600 V rated value 1 A • at 200 V rated value 1 hp • at 200 V rated value 1 hp • at 200 V rated value 3 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 200/208 V rated value 1 hp - at 200/208 V rated value 5 hp - at 460/48	 at 110 V rated value 	3 A
• at 600 V rated value 0.15 Å operational current at DC-13 0 • at 24 V rated value 2A • at 60 V rated value 2A • at 10 V rated value 2A • at 110 V rated value 0.9 A • at 220 V rated value 0.3 A • at 600 V rated value 0.1 A contact reliability of auxillary contacts 1 faulty switching per 100 million (17 V, 1 mA) ///CSA ratings 1///CSA ratings full-load current (FLA) for 3-phase AC motor 14 A • at 600 V rated value 17 A yielded mechanical performance [hp] • for single-phase AC motor • at 110/120 V rated value 1 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 10 hp - at 220/230 V rated value 15 hp - at 460/480 V rated value 10 hp - at 57/600 V rated value 15 hp contact rating of auxillary contacts according to UL A600 / P600 Short-circuit protection gc: 63A (690V,100kA), ati: 32A (690V,100kA), BS88: 63A (415V,80kA) • for short-circuit protection of the main circuit g	 at 125 V rated value 	2 A
operational current at DC-13 10 A • at 24 V rated value 10 A • at 48 V rated value 2 A • at 60 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 contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 full-load current (FLA) for 3-phase AC motor 14 A • at 600 V rated value 17 A yielded mechanical performance [hp] • for single-phase AC motor - at 230 V rated value 1 hp - at 200/208 V rated value 3 hp • for 3-phase AC motor - - at 200/208 V rated value 5 hp - at 200/208 V rated value 5 hp - at 200/208 V rated value 5 hp - at 460/480 V rated value 5 hp - at 575/600 V rated value 16 hp - at 575/600 V rated value 15 hp contact rating of auxiliary contacts according to UL. A600 / P600 Short-circuit protection GiosA (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) • for s	 at 220 V rated value 	1 A
• at 24 V rated value 10 A • at 48 V rated value 2 A • at 60 V rated value 2 A • at 10 V rated value 1 A • at 125 V rated value 0.9 A • at 20 V rated value 0.3 A • at 60 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 full-load current (FLA) for 3-phase AC motor 14 A • at 480 V rated value 17 A yleided mechanical performance [hp] • • for single-phase AC motor - - at 200 V rated value 3 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp • for 3-phase AC motor - - at 200/208 V rated value 5 hp - at 200/208 V rated value 10 hp - at 20/208 V rated value 5 hp - at 55/600 V rated value 10 hp - at 55/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection of the main circuit - - with type of	 at 600 V rated value 	0.15 A
• at 48 V rated value 2 A • at 10 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 contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 full-load current (FLA) for 3-phase AC motor 14 A • at 480 V rated value 17 A yielded mechanical performance [hp] 1 hup • of or single-phase AC motor 1 hp - at 10/120 V rated value 1 hp - at 200/V20 K rated value 3 hp • for 3-phase AC motor - - at 200/V20 K rated value 3 hp - at 200/V20 K rated value 3 hp - at 200/V20 K rated value 5 hp - at 450/480 V rated value 16 hp - at 60/480 V rated value 16 hp - at 60/480 V rated value <td>operational current at DC-13</td> <td></td>	operational current at DC-13	
 at 60 V rated value at 110 V rated value at 125 V rated value 0,9 A at 220 V rated value 0,1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 14 A at 480 V rated value 17 A yielded mechanical performance [hp] for single-phase AC motor at 100/2008 V rated value 1 hp at 230 V rated value 1 hp at 200/208 V rated value 1 hp at 200/208 V rated value 5 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection of the main circuit with type of coordination 1 required of or short-circuit protection of the main circuit with type of coordination 1 required of or short-circuit protection of the main circuit with type of coordination 1 required of or short-circuit protection of the main circuit with type of assignment 2 required of to A (500 V, 10kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) gG: 10 A (500 V, 1 kA) of short-circuit protection of the auxiliary switch required of to A (500 V, 1 kA) required 	 at 24 V rated value 	10 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 contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 14 A full-load current (FLA) for 3-phase AC motor 14 A • at 600 V rated value 17 A yielded mechanical performance [hp] 17 A • for single-phase AC motor 1 hp - at 200/208 V rated value 1 hp - at 200/208 V rated value 3 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 200/208 V rated value 5 hp - at 200/208 V rated value 5 hp - at 200/208 V rated value 16 hp - at 200/208 V rated value 5 hp - at 460/480 V rated value 10 hp - at 460/480 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) - with type of coordination 1 required gG: 63A (690V,100kA), aM: 32A (690V	 at 48 V rated value 	2 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 contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 full-load current (FLA) for 3-phase AC motor 14 A • at 480 V rated value 14 A • at 600 V rated value 17 A yielded mechanical performance [hp] • • for single-phase AC motor - - at 110/120 V rated value 1 hp - at 230 V rated value 3 hp • for 3-phase AC motor - - at 220/230 V rated value 3 hp - at 220/230 V rated value 5 hp - at 460/480 V rated value 10 hp - at 575/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) • for short-circuit protection of the main circuit - - with type of assignment 2 required gG: 25A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (50	 at 60 V rated value 	2 A
• at 220 V rated value 0.3 A • at 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 1 full-load current (FLA) for 3-phase AC motor 14 A • at 480 V rated value 14 A • at 480 V rated value 17 A yielded mechanical performance [hp] • • for single-phase AC motor - - at 120/208 V rated value 1 hp - at 230 V rated value 3 hp • for 3-phase AC motor - - at 220/208 V rated value 3 hp • for 3-phase AC motor - - at 220/208 V rated value 1 hp - at 220/208 V rated value 1 hp - at 220/208 V rated value 1 hp - at 220/208 V rated value 10 hp - at 575/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) - with type of coordination 1 required gG: 25A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) - for short-circuit protection of	 at 110 V rated value 	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) UL/CSA ratings 14 A full-load current (FLA) for 3-phase AC motor 14 A • at 600 V rated value 17 A yielded mechanical performance [hp] 17 A • for single-phase AC motor 1 hp - at 10/120 V rated value 3 hp • for 3-phase AC motor 3 hp - at 200/208 V rated value 3 hp • at 600 V rated value 1 hp - at 200/208 V rated value 1 hp - at 20/208 V rated value 5 hp - at 20/208 V rated value 10 hp - at 575/600 V rated value 16 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection 4600 / P600 Short-circuit protection of the main circuit 9G: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) • for short-circuit protection of the main circuit - with type of assignment 2 required - with type of assignment 2 required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500	 at 125 V rated value 	0.9 A
contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 14 A • at 600 V rated value 17 A yielded mechanical performance [hp] • for single-phase AC motor - at 110/120 V rated value 1 hp - at 230 V rated value 3 hp • for 3-phase AC motor 3 hp - at 200/208 V rated value 5 hp - at 220/230 V rated value 5 hp - at 457/600 V rated value 10 hp - at 657/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) of or short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 25A (415V,80kA) of or short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions t/-180° rotation possible on vertical mounting surface; can be tilted	• at 220 V rated value	0.3 A
UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 600 V rated value • for single-phase AC motor - at 110/120 V rated value • at 110/120 V rated value • for 3-phase AC motor - at 200/208 V rated value • for 3-phase AC motor - at 200/208 V rated value - at 460/480 V rated value - at 457/600 V rated value - at 575/600 V rated value - at 600 / P600 Short-circuit protection 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 (G: 10 A (500 V, 100kA), all: 32A (690V,100kA), BS88: 25A (415V,80kA) (G: 10 A (500 V, 1 kA) required Installation/ mounting/ dimensions	• at 600 V rated value	0.1 A
full-load current (FLA) for 3-phase AC motor 14 A • at 480 V rated value 17 A yielded mechanical performance [hp] 17 A • for single-phase AC motor 1 hp - at 110/120 V rated value 1 hp - at 230 V rated value 3 hp • for 3-phase AC motor 3 hp - at 200/208 V rated value 3 hp - at 220/230 V rated value 5 hp - at 460/480 V rated value 10 hp - at 575/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection 4633 (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) - with type of coordination 1 required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 25A (415V,80kA) - with type of assignment 2 required gG: 10 A (500 V, 1 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) required Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
• at 480 V rated value 14 A • at 600 V rated value 17 A yielded mechanical performance [hp] 17 A • for single-phase AC motor 1 hp - at 230 V rated value 1 hp - at 230 V rated value 3 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp • for 3-phase AC motor - - at 202/208 V rated value 3 hp - at 220/230 V rated value 10 hp - at 460/480 V rated value 10 hp - at 575/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection 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 gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) installation/ mounting/ dimensions #/-180° rotation possible on vertical mounting surface; can be tilted	UL/CSA ratings	
• at 600 V rated value 17 A yielded mechanical performance [hp] • for single-phase AC motor - at 110/120 V rated value 1 hp - at 230 V rated value 3 hp • for 3-phase AC motor 3 hp - at 200/208 V rated value 3 hp - at 220/230 V rated value 5 hp - at 460/480 V rated value 10 hp - at 575/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) - with type of coordination 1 required gG: 25A (690V,100kA), aM: 32A (690V,100kA), BS88: 25A (415V,80kA) - with type of assignment 2 required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions #/-180° rotation possible on vertical mounting surface; can be tilted	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value hp at 230 V rated value hp 1 hp at 230 V rated value hp for 3-phase AC motor at 200/208 V rated value hp at 220/230 V rated value hp at 460/480 V rated value hp at 4575/600 V rated value hp - at 575/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA) of for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 10kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA) gG: 10 A (500 V, 1 kA) gG: 10 A (500 V, 1 kA) 	 at 480 V rated value 	14 A
 for single-phase AC motor at 110/120 V rated value hp at 230 V rated value hp for 3-phase AC motor at 200/208 V rated value hp at 220/230 V rated value hp at 220/230 V rated value hp at 460/480 V rated value hp at 575/600 V rated value hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) gG: 10 A (500 V, 1 kA) installation/mounting/ dimensions the fuse link for short-circuit protection of the auxiliary switch required	• at 600 V rated value	17 A
 at 110/120 V rated value b p at 230 V rated value b p for 3-phase AC motor at 200/208 V rated value b p at 220/230 V rated value b p at 460/480 V rated value b p at 460/480 V rated value b p at 575/600 V rated value b p contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position 	yielded mechanical performance [hp]	
at 230 V rated value3 hp• for 3-phase AC motor3 hp at 200/208 V rated value3 hp at 220/230 V rated value5 hp at 460/480 V rated value10 hp at 460/480 V rated value15 hp at 575/600 V rated value15 hpcontact rating of auxiliary contacts according to ULA6000 / P600Short-circuit protectiondesign of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 requiredgG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA) gG: 10 A (500 V, 1 kA)e for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensions+/-180° rotation possible on vertical mounting surface; can be tilted		
 for 3-phase AC motor at 200/208 V rated value bp at 220/230 V rated value bp at 460/480 V rated value bp at 460/480 V rated value bp at 460/480 V rated value bp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) gG: 10 A (500 V, 1 kA) installation/ mounting/ dimensions thstallation position 	— at 110/120 V rated value	1 hp
 for 3-phase AC motor at 200/208 V rated value bp at 220/230 V rated value bp at 460/480 V rated value bp at 460/480 V rated value bp at 460/480 V rated value bp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) gG: 10 A (500 V, 1 kA) installation/ mounting/ dimensions thstallation position 	— at 230 V rated value	3 hp
at 220/230 V rated value5 hp at 460/480 V rated value10 hp at 575/600 V rated value15 hpcontact rating of auxiliary contacts according to ULA600 / P600Short-circuit protectionGesign of the fuse link• for short-circuit protection of the main circuitgG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) with type of coordination 1 requiredgG: 25A (690V,100kA), aM: 32A (690V,100kA), BS88: 25A (415V,80kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensions+/-180° rotation possible on vertical mounting surface; can be tilted	 for 3-phase AC motor 	
	— at 200/208 V rated value	3 hp
	— at 220/230 V rated value	5 hp
— at 575/600 V rated value 15 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) - with type of coordination 1 required gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted	— at 460/480 V rated value	
contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection design of the fuse link	— at 575/600 V rated value	
Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position	contact rating of auxiliary contacts according to UL	
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 a for short-circuit protection of the auxiliary switch required G: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA) gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted 		
for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required — with type of assignment 2 required GC: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) gC: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA) gC: 10 A (500 V, 1 kA) gC: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted		
with type of coordination 1 required gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) with type of assignment 2 required gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions +/-180° rotation possible on vertical mounting surface; can be tilted		
 with type of assignment 2 required for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions */-180° rotation possible on vertical mounting surface; can be tilted 		gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V.80kA)
• for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions • for short-circuit protection of the auxiliary switch Installation/ mounting/ dimensions • for short-circuit protection of the auxiliary switch • for short-circuit protection of the auxili		
required Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted		
+/-180° rotation possible on vertical mounting surface; can be tilted		
+/-180° rotation possible on vertical mounting surface; can be tilted	Installation/ mounting/ dimensions	
forward and backward by +/- 22.5° on vertical mounting surface		+/-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	45 mm
depth	97 mm
required spacing	
with side-by-side mounting	
— forwards	10 mm
— upwards	10 mm
– downwards	10 mm
— at the side	0 mm
 for grounded parts 	
— forwards	10 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
• for live parts	
forwards	10 mm
— upwards	10 mm
— upwards — downwards	10 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	screw-type terminals
 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 mm²), 2x (2.5 10 mm²)
 finely stranded with core end processing 	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
at AWG cables for main contacts	2x (16 12), 2x (14 8)
connectable conductor cross-section for main	
contacts	
• solid	1 10 mm ²
• stranded	1 10 mm ²
finely stranded with core end processing	1 10 mm²
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 or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 — finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 at AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)
AWG number as coded connectable conductor cross section	
for main contacts	16 8
 for auxiliary contacts 	20 14
Safety related data	
B10 value with high demand rate acc. to SN 31920	450 000
proportion of dangerous failures	
• with low demand rate acc. to SN 31920	40 %
• with high demand rate acc. to SN 31920	73 %
failure rate [FIT] with low demand rate acc. to SN 31920	100 FIT
T1 value for proof test interval or service life acc. to IEC 61508	20 y
protection class IP on the front acc. to IEC 60529	IP20



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=3RT2025-1AP00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2025-1AP00

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2025-1AP00

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

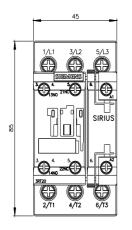
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2025-1AP00&lang=en

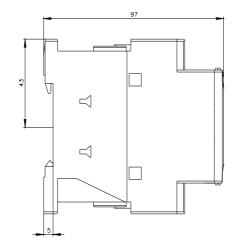
Characteristic: Tripping characteristics, I²t, Let-through current

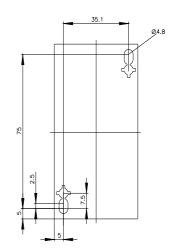
https://support.industry.siemens.com/cs/ww/en/ps/3RT2025-1AP00/char

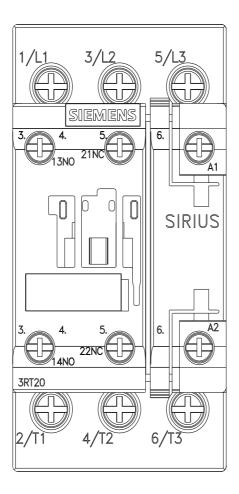
Further characteristics (e.g. electrical endurance, switching frequency)

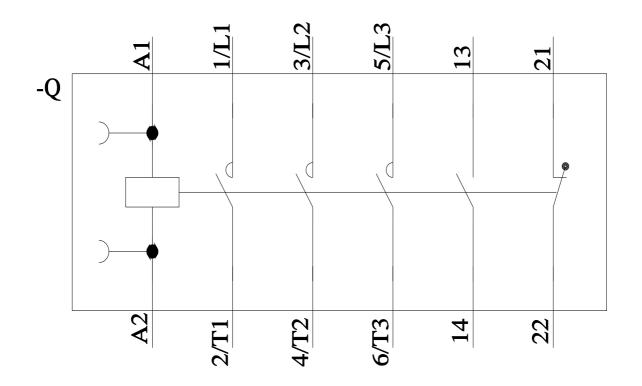
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2025-1AP00&objecttype=14&gridview=view1











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