SIEMENS

Data sheet

3RT2017-1BB42



power contactor, AC-3e/AC-3, 12 A, 5.5 kW / 400 V, 3-pole, 24 V DC, auxiliary contacts: 1 NC, screw terminal, size: S00

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S00
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 	1.5 W
 at AC in hot operating state per pole 	0.5 W
 without load current share typical 	4 W
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	690 V
 of auxiliary 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
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at DC	7.3g / 5 ms, 4.7g / 10 ms
shock resistance with sine pulse	
● at DC	11,4g / 5 ms, 7,3g / 10 ms
mechanical service life (operating cycles)	
 of contactor typical 	30 000 000
 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 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	3

number of NO contacts for main contacts	3
operating voltage	
at AC-3 rated value maximum	690 V
 at AC-3e rated value maximum 	690 V
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C rated	22 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	22 A
— up to 690 V at ambient temperature 60 °C rated	20 A
value	
• at AC-3	
— at 400 V rated value	12 A
— at 500 V rated value	9.2 A
— at 690 V rated value	6.7 A
● at AC-3e	
— at 400 V rated value	12 A
— at 500 V rated value	9.2 A
— at 690 V rated value	6.7 A
• at AC-4 at 400 V rated value	8.5 A
• at AC-5a up to 690 V rated value	19.4 A
• at AC-5b up to 400 V rated value	9.9 A
● at AC-6a	
 — up to 230 V for current peak value n=20 rated value 	7.2 A
 — up to 400 V for current peak value n=20 rated value 	7.2 A
 — up to 500 V for current peak value n=20 rated value 	7.2 A
— up to 690 V for current peak value n=20 rated value	6.7 A
● at AC-6a	
 — up to 230 V for current peak value n=30 rated value 	4.8 A
 — up to 400 V for current peak value n=30 rated value 	4.8 A
 — up to 500 V for current peak value n=30 rated value 	4.8 A
 — up to 690 V for current peak value n=30 rated value 	4.8 A
minimum cross-section in main circuit at maximum AC-1 rated value	4 mm ²
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	4.1 A
at 690 V rated value	3.3 A
operational current	
 at 1 current path at DC-1 	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	2.1 A
— at 220 V rated value	0.8 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
• with 2 current paths in series at DC-1	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	12 A
— at 220 V rated value	1.6 A
— at 440 V rated value	0.8 A
— at 600 V rated value	0.7 A
 with 3 current paths in series at DC-1 	
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	20 A
— at 220 V rated value	20 A
— at 440 V rated value	1.3 A
— at 600 V rated value	1 A
• at 1 current path at DC-3 at DC-5	

— at 24 V rated value	20 A				
— at 60 V rated value	0.5 A				
— at 110 V rated value	0.15 A				
 with 2 current paths in series at DC-3 at DC-5 					
— at 24 V rated value	20 A				
— at 60 V rated value	5 A				
— at 110 V rated value	0.35 A				
 with 3 current paths in series at DC-3 at DC-5 					
— at 24 V rated value	20 A				
— at 60 V rated value	20 A				
— at 110 V rated value	20 A				
— at 220 V rated value	1.5 A				
— at 440 V rated value	0.2 A				
— at 600 V rated value	0.2 A				
operating power					
• at AC-3					
— at 230 V rated value	3 kW				
— at 400 V rated value	5.5 kW				
— at 500 V rated value	5.5 kW				
— at 690 V rated value	5.5 kW				
• at AC-3e					
- at 230 V rated value	3 kW				
— at 200 V rated value	5.5 kW				
— at 500 V rated value	5.5 kW				
— at 690 V rated value	5.5 kW				
operating power for approx. 200000 operating cycles at AC-	5.5 KW				
4					
 at 400 V rated value 	2 kW				
 at 690 V rated value 	2.5 kW				
operating apparent power at AC-6a					
• up to 230 V for current peak value n=20 rated value	2.8 kVA				
• up to 400 V for current peak value n=20 rated value	4.9 kVA				
• up to 500 V for current peak value n=20 rated value	6.2 kVA				
• up to 690 V for current peak value n=20 rated value	8 kVA				
operating apparent power at AC-6a					
• up to 230 V for current peak value n=30 rated value	1.9 kVA				
• up to 400 V for current peak value n=30 rated value	3.3 kVA				
• up to 500 V for current peak value n=30 rated value	4.1 kVA				
• up to 690 V for current peak value n=30 rated value	5.7 KVA				
short-time withstand current in cold operating state up to	5.7 KVA				
40 °C					
 limited to 1 s switching at zero current maximum 	200 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 5 s switching at zero current maximum 	123 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 10 s switching at zero current maximum 	96 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 30 s switching at zero current maximum 	74 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 60 s switching at zero current maximum 	61 A; Use minimum cross-section acc. to AC-1 rated value				
no-load switching frequency					
• at DC	10 000 1/h				
operating frequency					
at AC-1 maximum	1 000 1/h				
• at AC-2 maximum	750 1/h				
• at AC-3 maximum	750 1/h				
• at AC-3e maximum	750 1/h				
• at AC-4 maximum	250 1/h				
Control circuit/ Control					
	DC				
type of voltage of the control supply voltage					
control supply voltage at DC	24.1/				
rated value	24 V				
operating range factor control supply voltage rated value of magnet coil at DC					
initial value	0.8				
• full-scale value	1.1				

holding power of mignet coil at DC 4 W closing delay - • at CC 50 100 ms opening delay - • at CC 7 13 ms arcing time 10 15 ms control vestion of the switch operating mechanism Similard A1 - A2 Auxiliary clocali - openitorial current at AC-12 maximum 10 A operational current at AC-15 - • at 300 Vraied value 3 A • at 300 Vraied value 1 A operational current at AC-15 - • at 300 Vraied value 1 A operational current at AC-15 - • at 300 Vraied value 0 A • a		
closing delay 30 100 ms • at DC 20 100 ms • at DC 7 13 ms • at DC 10 15 ms • at DC 9 16 ms control varion of the aviular operating mechanism Sundard At - A2 Avvillary decord 10 operational current at AC-12 Interview • at 300 V med value 10 • at 300 V med value 10 • at 300 V med value 6 • at 300 V med value 6 • at 300 V med value 6 • at 300 V med value 10 • at 300 V med value 0.15 A operational current at DC-13 Int 10 • at 300 V med value 0.3 • at 300 V med value 0.3 • at 300 V med value 0.3.	closing power of magnet coil at DC	4 W
• at DC 30 – 100 ms oppning deby	holding power of magnet coil at DC	4 W
opening delay 713 ms exiting time 1015 ms control varision of the switch operating machanism Standard A1 - A2 Auxiliary decide 1 number of NC contracts for auxiliary contracts instantaneous 1 operational current at AC-12 maximum 10 A operational current at AC-15 1 exit 300 Vrated value 2A exit 300 Vrated value 2A exit 300 Vrated value 2A exit 300 Vrated value 0A exit 300 Vrated value 0A <td>closing delay</td> <td></td>	closing delay	
arcing time 713 ms arcing time 1015 ms Control version of the switch operating mechanism Sandard A1 - A2 Auxiliary curcuit 1 operational current at AC-12 maximum 10A operational current at AC-15 1 • at 200 Vrated value 3A • at 200 Vrated value 3A • at 500 Vrated value 1A operational current at AC-12 maximum 10A operational current at AC-15 1A operational current at AC-16 1A operational current at AC-17 1A operational current at AC-18 3A • at 500 Vrated value 3A • at 600 Vrated value 6A • at 800 Vrated value 1A operational current at AC-17 1A • at 200 Vrated value 0A • at 100 Vrated value 1A • at 200 Vrated value 0A • at 200 Vrated value 0A • at 200 Vrated value 1A • at 200 Vr	• at DC	30 100 ms
acting time 10 15 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit 1 operational current at AC-12 maximum 10 A operational current at AC-15 0 • at 300 Vrated value 10 A • at 300 Vrated value 10 A • at 300 Vrated value 10 A • at 400 Vrated value 0 A • at 600 Vrated value 0 A • at 600 Vrated value 0 A • at 60 Vrated value 1 A • at 20 Vrated value 0 A • at 20 Vrated value 1 A • at	opening delay	
control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuit Immed of MC contacts for auxiliary contacts instantaneous 1 contact 0.0 10.0 operational current at AC-12 maximum 10.0 et al. 30 V rated value 3.0 et al. 30 V rated value 3.0 et al. 30 V rated value 10.0 et al. 400 V rated value 3.0 et al. 50 V rated value 10.0 et al. 50 V rated value 6.0 et al. 50 V rated value 6.0 et al. 50 V rated value 6.0 et al. 50 V rated value 0.15.0 et al. 50 V rated value 0.15.0 opperational current at DC-13 10.0 et al. 50 V rated value 2.0 et al. 50 V rated value 2.0 et al. 50 V rated value 0.3.0 et al. 50 V rated value 0.3.4 et al.	• at DC	7 13 ms
Audilary circuit 1 under of NC contacts for auxiliary contacts instantaneous 1 operational current at AC-12 maximum 10 A operational current at AC-15 10 A • at 300 V rated value 3 A • at 300 V rated value 2 A • at 300 V rated value 1 A operational current at DC-12 1 A • at 300 V rated value 6 A • at 300 V rated value 7 A • at 300 V rated value 7 A • at 300 V rated value 0.15 A operational current at DC-13 0 A • at 30 V rated value 0.3 A • at 30 V rated value 0.4 A • at 30 V rated value 0.5 hp • at 300 V rated value	arcing time	10 15 ms
number of NC contacts for auxiliary contacts instantaneous contact 1 operational current at AC-12 maximum 10 A oparational current at AC-15 10 A • at 200 V rated value 3 A • at 200 V rated value 3 A • at 200 V rated value 3 A • at 200 V rated value 1 A opprational current at DC-12 10 A • at 24 V rated value 6 A • at 24 V rated value 6 A • at 250 V rated value 2 A • at 260 V rated value 2 A • at 27 V rated value 1 A • at 200 V rated value 2 A • at 200 V rated value 2 A • at 200 V rated value 1 A • at 200 V rated value 1 A • at 40 V rated value 1 A • at 120 V rated value 0 A • at 120 V rated value 0 A • at 120 V rated value 1 A • at 120 V rated value 0 A • at 120 V rated value 1 A • at 20 V rated value 1 A • at 200 V rated value <	control version of the switch operating mechanism	Standard A1 - A2
contact 00 A operational current at AC-12 maximum 10 A operational current at AC-15 10 A • at 300 V rade value 3 A • at 300 V rade value 3 A • at 300 V rade value 1 A operational current at AC-12 1 A operational current at AC-13 1 A operational current at AC-14 6 A • at 30 V rade value 6 A • at 30 V rade value 6 A • at 10 V rade value 6 A • at 120 V rade value 7 A • at 20 V rade value 1 A • at 20 V rade value 1 A • at 20 V rade value 2 A • at 20 V rade value 0 A • at 20 V rade value 0 A • at 20 V rade value 0 A • at 40 V rade value 2 A • at 40 V rade value 0 A • at 400 V rade value 0 A • at 400 V rade value 0 A • at 400 V rade value 1 A • at 400 V rade value 1 A • at 400 V rade value	Auxiliary circuit	
operational current at AC-15 10 A • at 200 V rated value 10 A • at 600 V rated value 3 A • at 600 V rated value 2 A • at 600 V rated value 10 A • at 600 V rated value 10 A • at 600 V rated value 10 A • at 24 V rated value 6 A • at 80 V rated value 6 A • at 80 V rated value 6 A • at 80 V rated value 2 A • at 80 V rated value 6 A • at 20 V rated value 2 A • at 20 V rated value 2 A • at 20 V rated value 2 A • at 20 V rated value 0.15 A operational current at DC-13 10 A • at 80 V rated value 2 A • at 60 V rated value 2 A • at 10 V rated value 0.3 A • at 125 V rated value 0.3 A • at 20 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UICSA ratings 11 A yielded mechanical performance (lp) 0 • for single-phase AC motor		1
e at 230 V rated value 10 A e at 230 V rated value 2 A e at 500 V rated value 1 A operational current at DC-12 10 A e at 48 V rated value 6 A e at 48 V rated value 6 A e at 48 V rated value 6 A e at 49 V rated value 6 A e at 40 V rated value 6 A e at 500 V rated value 2 A e at 500 V rated value 2 A e at 500 V rated value 2 A e at 500 V rated value 10 A e at 500 V rated value 10 A e at 500 V rated value 2 A e at 500 V rated value 10 A e at 500 V rated value 10 A e at 500 V rated value 2 A e at 500 V rated value 10 A e at 500 V rated value 0.5 A e at 500 V rated value 11 A e at 500 V rated value 11 A e at 500 V rated value 10	operational current at AC-12 maximum	10 A
	operational current at AC-15	
• at 500 V rated value 2 A • at 690 V rated value 1A • at 24 V rated value 10 A • at 24 V rated value 6 A • at 80 V rated value 6 A • at 80 V rated value 6 A • at 100 V rated value 3 A • at 220 V rated value 2 A • at 220 V rated value 0.15 A operational current at DC-13 - • at 300 V rated value 2 A • at 300 V rated value 2 A • at 300 V rated value 2 A • at 42 V rated value 0.15 A operational current at DC-13 - • at 300 V rated value 2 A • at 300 V rated value 2 A • at 300 V rated value 0.8 A • at 300 V rated value 0.1 A • at 300 V rated value 0.1 A • at 300 V rated value 0.1 A • at 400 V rated value 11 A • at 400 V rated value 11 A • at 400 V rated value 11 A • at 400 V rated value 12 A • at 400 V rated value 13 bp • at 400 V rated	• at 230 V rated value	10 A
• et 680 V rated value 1 A operational current at DC-12 • 10 A • at 24 V rated value 5 A • et 60 V rated value 6 A • at 60 V rated value 3 A • at 125 V rated value 2 A • at 260 V rated value 1 A • at 260 V rated value 0.15 A opportional current at DC-13 • • at 600 V rated value 1 A • at 600 V rated value 2 A • at 600 V rated value 2 A • at 60 V rated value 0.5 A • at 125 V rated value 0.9 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 11 A • at 80 V rated value 11 A • at 80 V rated value 11 A • at 80 V rated value 12 A • at 80 V rated value 13 A • at 80 V rated value 14 A • at 80 V rated value <td< td=""><td>• at 400 V rated value</td><td>3 A</td></td<>	• at 400 V rated value	3 A
operational current at DC-12 10 A • at 24 V rated value 10 A • at 40 V rated value 6 A • at 60 V rated value 6 A • at 100 V rated value 2 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 10 A • at 40 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 2 A • at 40 V rated value 0.9 A • at 20 V rated value 0.3 A • at 60 V rated value 0.1 A • at 60 V rated value 1 A • at 60 V rated value	• 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 3 A • at 25 V rated value 3 A • at 250 V rated value 1 A • at 600 V rated value 0.15 A operational current at DC-13 • • at 42 V rated value 10 A • at 46 V rated value 10 A • at 46 V rated value 0.15 A operational current at DC-13 • • at 60 V rated value 2 A • at 60 V rated value 1 A • at 60 V rated value 0.4 A • at 60 V rated value 1.4 A • at 40 V rated value 1.4 A • at 60 V rated value 1.4 A • at 60 V rated value 1.4 A • at 60 V rated value 1.4 A • at 400 V rated value 1.4 A • at 400 V rated value 1.4 A • at 600 V rated value 2.4 p • for 3-sphase AC motor	• at 690 V rated value	1 A
• at 48 V rated value 6 A • at 60 V rated value 6 A • at 100 V rated value 3 A • at 125 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 A • at 60 V rated value 2 A • at 10 V rated value 0 A • at 20 V rated value 0.9 A • at 20 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 11 A • at 600 V rated value 11 A • at 600 V rated value 11 A • at 600 V rated value 12 A • or single-phase AC motor - - at 200/208 V rated value 2 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp<	operational current at DC-12	
• at 60 V rated value 6 A • at 110 V reted value 3 A • at 220 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 10 A • at 24 V rated value 10 A • at 24 V rated value 2 A • at 24 V rated value 2 A • at 25 V rated value 2 A • at 10 V rated value 2 A • at 125 V rated value 0.3 A • at 200 V rated value 0.1 A contact reliability of ratel value 11 A • at 400 V rated value 11 A • at 200 V rated value 11 A • at 200 V rated value 0.5 hp • at 200 V rated value 3 hp • at 200 V rated v	at 24 V rated value	10 A
• at 110 V rated value 3 A • at 125 V rated value 2 A • at 200 V rated value 1 A • at 600 V rated value 0.15 A operational current at DC-13 0 A • at 42 V rated value 2 A • at 48 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 2 A • at 110 V rated value 0.9 A • at 25 V rated value 0.9 A • at 200 V rated value 0.1 A contact reliability of auxillary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 11 A • at 600 V rated value 1 A • at 200/208 V rated value 0 5 hp - at 200/208 V rated value	• at 48 V rated value	6 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 0 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 0.9 A • at 22 V rated value 0.9 A • at 20 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 11 A full-load current (FLA) for 3-phase AC motor 1 auty switching per 100 million (17 V, 1 mA) u/uCSA ratings 11 A vielded mechanical performance [hp] 11 A • of risingle-phase AC motor 0.5 hp - at 200/208 V rated value 1.5 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 400/400 V rated value 7 hp - at 400/400 V rated value 3 hp - at 400/400 V rated value 10 hp cotact	• 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	• at 110 V rated value	3 A
• at 600 V rated value 0.15 A operational current at DC-13 10 A • at 24 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 1 A • at 10 V rated value 0.9 A • at 220 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) UUCSA ratings 11 A full-load current (FLA) for 3-phase AC motor 11 A • at 800 V rated value 11 A • at 600 V rated value 11 A /pielded mechanical performance [hp] • • for single-phase AC motor - - at 200/208 V rated value 2 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 575/600 V rated value 3 hp<	• 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 10 V rated value 1 A • at 220 V rated value 0.9 A • at 600 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 11 A val 600 V rated value 11 A • at 600 V rated value 2 hp • for single-phase AC motor - at 110/120 V rated value - at 200/200 V rated value 3 hp - at 202020 V rated value 3 hp - at 202020 V rated value 3 hp - at 55/500 V rated value 10 hp contact rating of auxiliary contacts according to UL 6600 / G600 Short-circuit protection of the main circuit - with type of assignment 2 required - with type of assignment 2 required g6: 50A (690V,100KA), aM: 20A (690V,100KA), BS88: 35A (415V,80KA) </td <td>• at 220 V rated value</td> <td>1 A</td>	• 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 110 V rated value 1 A • 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 11 A full-load current (FLA) for 3-phase AC motor 11 A • at 600 V rated value 11 A • at 200 V rated value 0.5 hp - at 200 V rated value 3 hp - at 200/20 V rated value 3 hp - at 200/20 V rated value 10 hp contact rating of auxiliary contacts according to UL A800 / Q600 Short-circuit protection gc: 50A (690V.100KA), aM: 20A (690V.100KA), BS88: 35A (415V.80KA) - with type of assignment 1 required gc: 50A (690V.100KA), aM: 20A (690V.100KA), BS88: 35A (415V.80KA) <tr< td=""><td>• at 600 V rated value</td><td>0.15 A</td></tr<>	• at 600 V rated value	0.15 A
• at 48 V rated value 2 A • at 60 V rated value 2 A • at 110 V rated value 1 A • at 1125 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) ULCSA ratings ULCSA ratings full-load current (FLA) for 3-phase AC motor 11 A • at 600 V rated value 11 A yielded mechanical performance [hp] • • for single-phase AC motor - - at 110/120 V rated value 0.5 hp - at 220/230 V rated value 2 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 220/230 V rated value 3 hp - at 220/230 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit - - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gG: 50A (690V,1	operational current at DC-13	
• at 60 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) ULCSA ratings 1 full-load current (FLA) for 3-phase AC motor 11 A • at 800 V rated value 11 A • at 800 V rated value 11 A • at 600 V rated value 11 A • of or single-phase AC motor - - at 110/120 V rated value 0.5 hp - at 200/208 V rated value 3 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 contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection g6: 50A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - with type of coordination 1 required g6: 50A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - with type of assignment 2 required g6: 10 A (500 V, 1 kA) Installation/ mounting dimensions +/180" rotation possible on vertica	• at 24 V rated value	10 A
• at 110 V rated value 1 A • at 125 V rated value 0.9 A • at 200 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) IU/CSA ratings 11 A full-load current (FLA) for 3-phase AC motor 11 A • at 480 V rated value 11 A vielded mechanical performance [hp] 11 A • for single-phase AC motor 0.5 hp - at 200 V rated value 2 hp • for 3-phase AC motor 2 hp - at 200 V rated value 3 hp - at 200 V rated value 3 hp - at 200 V rated value 10 hp - at 200 V rated value 7.5 hp - at 450480 V rated value 7.5 hp - at 575600 V rated value 7.5 hp - at 575600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit 9G: 50A (690V, 100kA), aM: 10A (690V, 100kA), BS8B: 35A (415V, 80kA) - with type of coordination 1 required 9G: 50A (690V, 100kA), aM: 10A (690V, 100kA), BS8B: 35A (415V, 80kA) - w	• 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) U/CSA ratings 1 full-load current (FLA) for 3-phase AC motor 11 A • at 480 V rated value 11 A • at 600 V rated value 11 A • at 600 V rated value 11 A • or single-phase AC motor - - at 110/120 V rated value 0.5 hp - at 200208 V rated value 2 hp • for 3-phase AC motor - - at 200208 V rated value 3 hp - at 200208 V rated value 3 hp - at 200208 V rated value 3 hp - at 450/480 V rated value 7.5 hp - at 450/480 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / 0600 Shortircuit protection of the main circuit - - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS8B: 35A (415V,80kA) - with type of coordination 1 required gG: 10 A (500 V, 1 kA) - with type of coordination 1 required <t< td=""><td>• at 60 V rated value</td><td>2 A</td></t<>	• 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 11 A • at 480 V rated value 11 A • at 600 V rated value 11 A vielded mechanical performance [hp] • • for single-phase AC motor - - at 110/120 V rated value 0.5 hp - at 230 V rated value 2 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 460/480 V rated value 7.5 hp - at 450/5600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 V 6600 Short-circuit protection of the main circuit - - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gG: 10 A (500 V, 100kA), aM: 20A (690V,100kA), BS88: 20A (415V,80kA) <tr< td=""><td>• at 110 V rated value</td><td>1 A</td></tr<>	• 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) UUCSS ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 11 A • at 600 V rated value 11 A yielded mechanical performance [hp] • • for single-phase AC motor 0.5 hp - at 10/120 V rated value 0.5 hp - at 200/208 V rated value 3 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 200/208 V rated value 10 hp - at 60/480 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection g6: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required g6: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required g6: 10 A (500 V, 1 kA) Installation/ mounting vifacesion <td>at 125 V rated value</td> <td>0.9 A</td>	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 11 A yielded mechanical performance [hp] for single-phase AC motor at 10/120 V rated value 0.5 hp at 200/208 V rated value 2 hp for 3-phase AC motor at 200/208 V rated value 3 hp at 375/600 V rated value 0 hp contact rating of auxiliary contacts according to UL A60 p Short-circuit protection 46 bitse link for short-circuit protection of the main circuit with type of coordination 1 required gG: 50A (690V, 100kA), aM: 16A (690V, 100kA), BS88: 35A (415V, 80kA) gG: 50A (690V, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) gG: 10 A (500 V, 1 kA) Installation/ mounting variaces mounting position +/-180" rotation possible on vertical mounting surface; can be tilted forward a backward by +/-22.5" on vertical mounting surface <td>• at 220 V rated value</td> <td>0.3 A</td>	• 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 11 A yielded mechanical performance [hp] • for single-phase AC motor - at 10/120 V rated value 0.5 hp - at 230 V rated value 10/120 V rated value 2 hp • for 3-phase AC motor - at 220/230 V rated value 2 hp • at 60/480 V rated value - at 220/230 V rated value - at 220/230 V rated value - at 450/480 V rated value - at 575/600 V rated value 0 hp contact rating of auxiliary contacts according to UL A600 / Q600 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 - of short-circuit protection of the auxiliary switch required - of	• at 600 V rated value	0.1 A
full-load current (FLA) for 3-phase AC motor 11 A • at 480 V rated value 11 A • at 600 V rated value 11 A yielded mechanical performance [hp] 11 A • for single-phase AC motor 0.5 hp - at 110/120 V rated value 2 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 450/480 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gG: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 20A (415V,80kA) - with type of coordination 1 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (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 forward a backward by +/-22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 6071 •	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
• at 480 V rated value 11 A • at 600 V rated value 11 A yielded mechanical performance [hp] 11 A • for single-phase AC motor 0.5 hp - at 110/120 V rated value 0.5 hp - at 230 V rated value 2 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 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 coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (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 forward a backward by +/- 22.5° on vertical mounting surface; fastening method screw and snap-on mounting ont	UL/CSA ratings	
• at 600 V rated value 11 A yielded mechanical performance [hp] • • for single-phase AC motor 0.5 hp - at 110/120 V rated value 0.5 hp - at 230 V rated value 2 hp • for 3-phase AC motor - - at 200/208 V rated value 3 hp - at 202/230 V rated value 3 hp - at 220/230 V rated value 7.5 hp - at 460/480 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 4600 / Q600 Short-circuit protection of the main circuit - - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required gG: 10 A (500 V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required gG: 10 A (500 V, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 0kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 0kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value bp at 230 V rated value chor 3-phase AC motor at 220/230 V rated value bp at 220/230 V rated value chor 3-phase AC motor at 220/230 V rated value chor 3-phase AC motor at 220/230 V rated value dp at 460/480 V rated value fp at 460/480 V rated value fp at 575/600 V rated value dp doi/180 V rated value fp at 575/600 V rated value dp design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 10A (690V,100kA), aM: 16A (690V, 100kA), BS88: 35A (415V,80kA) gG: 10A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) gG: 10A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position t/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 6071 Yes Yes Mounting Position Yes An and a backward by +/- 22.5° Yes Yes	• at 480 V rated value	11 A
 for single-phase AC motor at 110/120 V rated value bt vated value construct at value construct value value value	• at 600 V rated value	11 A
- at 110/120 V rated value 0.5 hp - at 230 V rated value 2 hp • for 3-phase AC motor 3 hp - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 460/480 V rated value design of the fuse link 9G: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gG: 50A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) - with type of assignment 2 required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions 4/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 6071 • side-by-side mounting Yes	yielded mechanical performance [hp]	
- at 230 V rated value 2 hp • for 3-phase AC motor 3 hp - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 460/480 design of the fuse link 6 for short-circuit protection of the main circuit - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required gG: 10 A (500 V, 10kA), aM: 16A (690V, 100kA), BS88: 20A (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 forward a backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 6071 • side-by-side mounting Yes	 for single-phase AC motor 	
• for 3-phase AC motor 3 hp - at 200/208 V rated value 3 hp - at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 4600 / Q600 Gesign of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (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 forward a backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 6071 • side-by-side mounting Yes	— at 110/120 V rated value	0.5 hp
	— at 230 V rated value	2 hp
	 for 3-phase AC motor 	
- at 220/230 V rated value 3 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 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: 50A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 10kA), aM: 20A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 10kA), aM: 16A (690V, 100kA), BS88: 20A (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 forward a backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 6071 • side-by-side mounting Yes	— at 200/208 V rated value	3 hp
— at 575/600 V rated value 10 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection	— at 220/230 V rated value	
	— at 460/480 V rated value	
contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gG: 20A (690V,100kA), aM: 20A (690V, 100kA), BS88: 20A (415V,80kA) • with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (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 forward a backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 6071 • side-by-side mounting Yes	— 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: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) — with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 0kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 6071 • side-by-side mounting Yes	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 gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (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 forward a backward by +/- 22.5° on vertical mounting surface side-by-side mounting 		
• for short-circuit protection of the main circuit gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 0kA), aM: 16A (690V, 100kA), BS88: 20A (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 forward a backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 6071 • side-by-side mounting Yes		
	-	
with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions	-	gG: 50A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)
• for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions		
Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface fastening method • side-by-side mounting Yes		
mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward a backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 6071 • side-by-side mounting Yes		
fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 6071 • side-by-side mounting Yes		+/-180° rotation possible on vertical mounting surface: can be tilted forward and
side-by-side mounting Yes		
	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
height 58 mm	• side-by-side mounting	Yes
101ght	height	58 mm
width 45 mm	width	45 mm

depth	73 mm				
required spacing					
with side-by-side mounting					
— forwards	10 mm				
— upwards	10 mm 10 mm				
— downwards	10 mm				
— at the side	0 mm				
	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				
— forwards	10 mm 10 mm				
— upwards					
— downwards	10 mm				
— at the side	6 mm				
Connections/ Terminals					
type of electrical connection	corow type terminale				
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 (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ²				
solid or stranded	2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²), 2x 4 mm ²				
finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)				
connectable conductor cross-section for main contacts					
• solid	0.5 4 mm ²				
• stranded	0.5 4 mm ²				
finely stranded with core end processing	0.5 2.5 mm²				
connectable conductor cross-section for auxiliary contacts					
solid or stranded	0.5 4 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 mm ²), 2x (0.75 2.5 mm ²), 2x 4 mm ²				
— finely stranded with core end processing	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)				
for AWG cables for auxiliary contacts	2x (20 16), 2x (18 14), 2x 12				
AWG number as coded connectable conductor cross section					
for main contacts	20 12				
 for auxiliary contacts 	20 12				
Safety related data					
product function					
 mirror contact according to IEC 60947-4-1 	Yes				
suitability for use safety-related switching OFF	Yes				
B10 value with high demand rate according to SN 31920	1 000 000				
proportion of dangerous failures					
 with low demand rate according to SN 31920 	40 %				
 with high demand rate according to SN 31920 	73 %				
failure rate [FIT] with low demand rate according to SN 31920	100 FIT				
T1 value for proof test interval or service life according to IEC 61508	20 a				
protection class IP on the front according to IEC 60529	IP20				
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front				
Certificates/ approvals					
General Product Approval					

() E	<u>Confirmation</u>			<u>KC</u>	EHC	
EMC	Functional Safety/Safety of Ma- chinery	Declaration of Confor	mity	Test Certificates		
RCM	<u>Type Examination Cer-</u> <u>tificate</u>	UK CA	CE EG-Konf.	<u>Special Test Certific-</u> <u>ate</u>	Type Test Certific- ates/Test Report	
Marine / Shipping						
ABS	BUREAU VERITAS		Lloyds Register urs	PRS	RINA	
Marine / Shipping	other		Railway	Dangerous Good	Environment	
RMRS	Household and similar appliances	Confirmation	Vibration and Shock	Transport Information	Environmental Con- firmations	
Further information						
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875						
Information- and Dow	Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10					

https://www.siemens.com/ic10

Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2017-1BB42

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2017-1BB42

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-1BB4

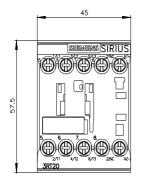
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2017-1BB42&lang=en

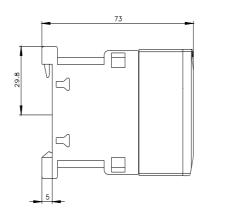
Characteristic: Tripping characteristics, I2t, Let-through current

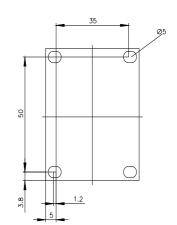
https://support.industry.siemens.com/cs/ww/en/ps/3RT2017-1BB42/char

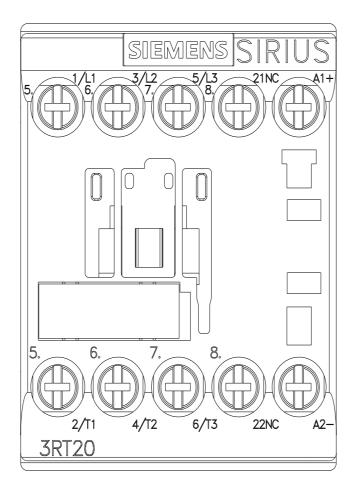
Further characteristics (e.g. electrical endurance, switching frequency)

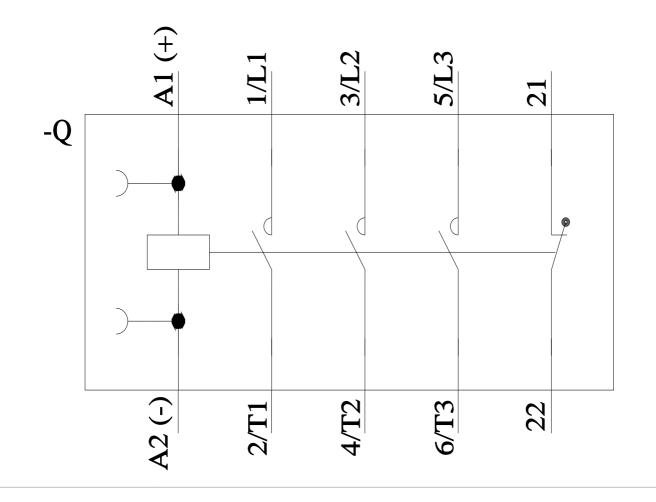
http://www.automation.siem ns.com/bilddb/index.aspx?view= &mlfb











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