SIEMENS

Data sheet

3RT2015-2VB41



power contactor, AC-3e/AC-3, 7 A, 3 kW / 400 V, 3-pole, 24 V DC, 0.85-1.85* Us, with integrated diode, auxiliary contacts: 1 NO, spring-loaded terminal, size: S00, not expandable with auxiliary switch

product brand name	SIRIUS
product designation	Coupling contactor
product type designation	3RT2
General technical data	
size of contactor	S00
product extension	
function module for communication	No
 auxiliary switch 	No
power loss [W] for rated value of the current	
at AC in hot operating state	0.6 W
 at AC in hot operating state per pole 	0.2 W
 without load current share typical 	1.6 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	6,7g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at DC	10,5g / 5 ms, 6,6g / 10 ms
mechanical service life (operating cycles)	
of contactor typical	30 000 000
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

a at AC 20 rated value maximum	600 \/
• at AC-3e rated value maximum operational current	690 V
at AC-1 at 400 V at ambient temperature 40 °C rated value	18 A
• at AC-1	
 — up to 690 V at ambient temperature 40 °C rated value 	18 A
— up to 690 V at ambient temperature 60 °C rated value	16 A
• at AC-3	
— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
• at AC-3e	
— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
• at AC-4 at 400 V rated value	6.5 A
 at AC-5a up to 690 V rated value 	15.8 A
• at AC-5b up to 400 V rated value	5.8 A
• at AC-6a	
 — up to 230 V for current peak value n=20 rated value 	4 A
 — up to 400 V for current peak value n=20 rated value 	4 A
 — up to 500 V for current peak value n=20 rated value 	3.8 A
 — up to 690 V for current peak value n=20 rated value 	3.6 A
• at AC-6a	
 — up to 230 V for current peak value n=30 rated value 	2.7 A
 — up to 400 V for current peak value n=30 rated value 	2.7 A
 — up to 500 V for current peak value n=30 rated value 	2.5 A
 — up to 690 V for current peak value n=30 rated value 	2.4 A
minimum cross-section in main circuit at maximum AC-1 rated value	2.5 mm ²
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	2.6 A
• at 690 V rated value	1.8 A
operational current	
 at 1 current path at DC-1 	
— at 24 V rated value	15 A
— at 60 V rated value	15 A
— at 110 V rated value	1.5 A
— at 220 V rated value	0.6 A
— at 440 V rated value	0.42 A
— at 600 V rated value	0.42 A
 with 2 current paths in series at DC-1 	
— at 24 V rated value	15 A
— at 60 V rated value	15 A
— at 110 V rated value	8.4 A
— at 220 V rated value	1.2 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.5 A
• with 3 current paths in series at DC-1	
— at 24 V rated value	15 A
— at 60 V rated value	15 A
— at 110 V rated value	15 A
— at 220 V rated value	15 A
— at 440 V rated value	0.9 A
— at 600 V rated value	0.7 A
at 1 current path at DC-3 at DC-5	
— at 24 V rated value	15 A
	0.25 A
 — at 60 V rated value with 2 current paths in series at DC-3 at DC-5 	0.35 A

 	— at 24 V rated value	15 A
• with 3 current paths in series at DC-3 at DC-3·- at 24 Y rates value15 A- at 10 Y rates value15 A- at 20 Y rates value12 A- at 20 Y rates value13 AW- at 20 Y rates value3 AW- at 20 Y rates value15 KW- at 20 Y rates value21 AW- at 20 Y ro current pax value n=20 rated value18 AW </td <td></td> <td></td>		
		0.25 A
	 with 3 current paths in series at DC-3 at DC-5 	
	— at 24 V rated value	15 A
- at 20 V radic value12.A- at 440 V radic value0.14 Aoperating pover at 230 V radic value0.14 A- at 230 V radic value15 kW- at 230 V radic value3 kW- at 300 V radic value3 kW- at 600 V radic value4 kW- at 600 V radic value3 kW- at 600 V radic value15 kWoperating power for approx. 20000 operating cycles at AC-6- (b 0 200 V for current pack value n=20 radic value2 kWA- (b 0 200 V for current pack value n=20 radic value3 kWA- (b 0 200 V for current pack value n=20 radic value2 kWA- (b 0 200 V for current pack value n=30 radic value2 kWA- (b 0 200 V for current pack value n=30 radic value2 kWA- (b 0 10 V for current pack value n=30 radic value2 kWA- (b 0 10 V for current pack value n=30 radic value2 kWA- (b 0 10 V for current pack value n=30 radic value2 kWA- (b 0 10 V for current pack value n=30 radic value2 kWA- (b 0 10 V for current pack value n=30 radic value3 kWA- (b 0 6 00	— at 60 V rated value	15 A
	— at 110 V rated value	15 A
	— at 220 V rated value	1.2 A
operating power	— at 440 V rated value	0.14 A
• at AC-3 - at 230 V rated value - at 230 V rated value 3 kW - at 600 V rated value 4 kW Operating approver for approx. 200000 operating cycles at AC-4 4 kW operating approver for value 1.5 kW - at 600 V rated value 1.5 kW - at 600 V for current pack value n=20 rated value 2.7 kW - at 600 V for current pack value n=20 rated value 3.8 kW - at 600 V for current pack value n=30 rated value 2.8 kW - at 600 V for current pack value n=30 rated value 2.8 kW - at 600 V for current pack value n=30 rated value 2.8 kW - at 600 V for current pack	— at 600 V rated value	0.14 A
	operating power	
- al 400 V rated value3 kW- al 600 V rated value3 kW- al 600 V rated value4 kW- al 400 V rated value3 kW- al 400 V rated value1 5 kW- al 90 200 V rated value - 20 rated value3 kW- al 90 200 V for current pack value ->20 rated value3 kW- al 90 200 V for current pack value ->20 rated value3 kW- al 90 200 V for current pack value ->20 rated value3 kW- al 90 200 V for current pack value ->20 rated value3 kW- al 90 200 V for current pack value ->20 rated value1 kW- al 90 500 V for current pack value ->20 rated value2 kW- al 500 V for current pack value ->30 rated value2 kW- al 500 V for current pack value ->30 rated value2 kW- al 500 V for current pack value ->30 rated value2 kW- al 500 V for current pack value ->30 rated value2 kW- al 602 M for current pack value ->30 rated value2 kW- al 602 N for current pack value ->30 rated value2 kW- al 602 N for current pack value ->30 rated value3 kW- al 602 N for current	• at AC-3	
- at 800 Y rated value3 kW- at 800 Y rated value4 kW- at 230 Y rated value15 kW- at 200 Y rated value3 kW- at 800 Y rated value3 kW- at 800 Y rated value3 kW- at 800 Y rated value15 kW- at 800 Y rated value1.15 kW- at 800 Y rated value1.15 kW- at 800 Y rated value1.15 kW- at 800 Y rated value3 kW- at 800 Y rated value1.15 kW- at 800 Y rated value3 kW- at 800 Y rated value ne20 rated value3 kW- op to 500 V for current pack value ne20 rated value3 kW- op to 500 V for current pack value ne20 rated value3 kW- op to 500 V for current pack value ne30 rated value2 kW- op to 500 V for current pack value ne30 rated value2 kW- op to 500 V for current pack value ne30 rated value2 kW- op to 500 V for current pack value ne30 rated value2 kW- op to 500 V for current pack value ne30 rated value2 kW- op to 500 V for current pack value ne30 rated value2 kW- op to 500 V for current pack value ne30 rated value3 kW- op to 500 V for current pack value ne30 rated value3 kW- op to 500 V for current pack value ne30 rated value3 kW- op to 500 V for current pack value ne30 rated value10 kW- op to 500 V for current pack value	— at 230 V rated value	1.5 kW
	— at 400 V rated value	3 kW
• at AC3e - - at 250 V rated value 1.5 kW - at 500 V rated value 3 kW - at 500 V rated value 3 kW - at 500 V rated value 3 kW - at 600 V rated value 3 kW - at 600 V rated value 4 kW operating power for approx. 20000 operating cycles at AC-4 - - at 400 V rated value 1.15 kW - at 400 V rated value 1.5 kW - at 600 V rated value 1.5 kW - at 600 V for current pack value n20 rated value 2.7 kW - up to 400 V for current pack value n20 rated value 3.8 kW - up to 500 V for current pack value n20 rated value 3.8 kW - up to 500 V for current pack value n20 rated value 2.7 kW - up to 500 V for current pack value n20 rated value 2.2 kW - up to 500 V for current pack value n30 rated value 2.2 kW - up to 500 V for current pack value n30 rated value 2.2 kW - up to 500 V for current pack value n30 rated value 2.2 kW - up to 500 V for current pack value n30 rated value 2.2 kW - up to 500 V for current pack value n30 rated value 2.2 kW - up to 500 V for current pack value n30 rated value 2.2 kW - up to 500 V for current pack value n30 rated value 100 th - difficing for current nocid opera	— at 500 V rated value	3 kW
	— at 690 V rated value	4 kW
	• at AC-3e	
	— at 230 V rated value	1.5 kW
	— at 400 V rated value	3 kW
operating power for approx. 200000 operating cycles at AC- at 400 V rated value 1.15 kW at 690 V rated value 1.15 kW op to 230 V for current peak value n=20 rated value 1.5 kVA up to 530 V for current peak value n=20 rated value 2.7 kVA up to 500 V for current peak value n=20 rated value 2.7 kVA up to 500 V for current peak value n=20 rated value 2.7 kVA up to 500 V for current peak value n=20 rated value 2.7 kVA up to 500 V for current peak value n=20 rated value 2.8 kVA op to 500 V for current peak value n=30 rated value 1.8 kVA up to 500 V for current peak value n=30 rated value 2.8 kVA short-time withstand current in cold operating state up to 40 °C ilmited to 1 s switching at zero current maximum ilmited to 1 s switching at zero current maximum ilmited to 1 s switching at zero current maximum ilmited to 3 s switching at zero current maximum ilmited to 3 s switching at zero current maximum ilmited to 6 0 s switching at zero current maximum ilmited to 6 0 s switching at zero current maximum ilmited to 6 0 s switching at zero current maximum ilmited to 6 0 s switching at zero current maximum ilmited to 6 0 s switching at zero current maximum ilmited to 6 0 switching at zero current maximum ilmited to 1 s switching at zero current maximum ilm	— at 500 V rated value	3 kW
	— at 690 V rated value	4 kW
• at 400 V rated value 1.15 kW • at 690 V rated value 1.15 kW operating apparent power at AC-6s - • up to 230 V for current peak value n=20 rated value 2.7 kVA • up to 500 V for current peak value n=20 rated value 3.3 kVA • up to 500 V for current peak value n=20 rated value 3.3 kVA • up to 500 V for current peak value n=20 rated value 3.3 kVA • up to 500 V for current peak value n=20 rated value 3.4 kVA • up to 500 V for current peak value n=30 rated value 2.2 kVA • up to 500 V for current peak value n=30 rated value 2.2 kVA • up to 500 V for current peak value n=30 rated value 2.2 kVA • up to 500 V for current peak value n=30 rated value 2.9 kVA • up to 500 V for current peak value n=30 rated value 2.9 kVA • up to 500 V for current peak value n=30 rated value 2.9 kVA • up to 500 V for current pack value n=30 rated value 2.9 kVA • up to 500 V for current pack value n=30 rated value 2.9 kVA • up to 500 V for current pack value n=30 rated value 2.9 kVA • up to 500 V for current pack value n=30 rated value 2.9 kVA • up to 500 V for current pack value n=30 rated value 2.9 kVA • at Co 1 for current naximum 86 A, Use minimum cross-section acc. to AC-1 rated value • at DC 10000 1/n </td <td></td> <td></td>		
• at 690 V rated value 1.15 kW operating apparent power at AC-6a - • up to 230 V for current peak value n=20 rated value 2.7 kVA • up to 500 V for current peak value n=20 rated value 3.3 kVA • up to 500 V for current peak value n=20 rated value 4.3 kVA • up to 500 V for current peak value n=20 rated value 4.3 kVA • up to 500 V for current peak value n=30 rated value 1.8 kVA • up to 500 V for current peak value n=30 rated value 2.2 kVA • up to 500 V for current peak value n=30 rated value 2.2 kVA • up to 600 V for current peak value n=30 rated value 2.9 kVA short-line withstand current in cold operating state up to 400 v/ho 2.9 kVA • linited to 1 s switching at zero current maximum 86 A; Use minimum cross-section acc. to AC-1 rated value • linited to 10 s switching at zero current maximum 2.2 kVA • linited to 10 s switching at zero current maximum 2.4 VA • linited to 10 s switching at zero current maximum 2.4 VA • linited to 10 s switching at zero current maximum 2.4 V Use minimum cross-section acc. to AC-1 rated value • linited to 10 s switching at zero current maximum 2.4 V Use minimum cross-section acc. to AC-1 rated value • at AC-3 maximum 10000		1 1E IAN
operating apparent power at AC-6a 1.5 kVA u p to 230 V for current peak value n=20 rated value 1.5 kVA u p to 400 V for current peak value n=20 rated value 2.7 kVA u p to 500 V for current peak value n=20 rated value 3.3 kVA u p to 230 V for current peak value n=20 rated value 4.3 kVA operating apparent power at AC-6a 1 kVA u p to 230 V for current peak value n=30 rated value 1.8 kVA operating apparent power at AC-6a 1 kVA u p to 230 V for current peak value n=30 rated value 2.8 kVA op to 230 V for current peak value n=30 rated value 2.9 kVA short-time withstand current in cold operating state up to 400 °C 2.9 kVA short-time withstand current maximum 120 A; Use minimum cross-section acc. to AC-1 rated value e limited to 1s switching at zero current maximum 120 A; Use minimum cross-section acc. to AC-1 rated value e limited to 30 switching at zero current maximum 62 A; Use minimum cross-section acc. to AC-1 rated value e limited to 30 switching at zero current maximum 10 000 1/h e limited to 30 switching at zero current maximum 10 000 1/h e AC-G 10 000 1/h operating frequency 10 000 1/h e at DC 10 000		
up to 230 V for current peak value n=20 rated value i.p to 400 V for current peak value n=20 rated value i.p to 650 V for current peak value n=20 rated value i.p to 650 V for current peak value n=20 rated value i.p to 650 V for current peak value n=20 rated value i.p to 650 V for current peak value n=30 rated value i.p to 60 volt for current peak value n=30 rated value i.p to 60 volt for current maximum i.p to		1.15 KVV
• up to 400 V for current peak value n=20 rated value 2.7 kVA • up to 500 V for current peak value n=20 rated value 3.3 kVA • up to 500 V for current peak value n=20 rated value 3.3 kVA • up to 200 V for current peak value n=30 rated value 1.8 kVA • up to 500 V for current peak value n=30 rated value 1.8 kVA • up to 500 V for current peak value n=30 rated value 2.8 kVA • up to 500 V for current peak value n=30 rated value 2.8 kVA • up to 500 V for current peak value n=30 rated value 2.8 kVA • up to 500 V for current peak value n=30 rated value 2.8 kVA • up to 500 V for current peak value n=30 rated value 2.8 kVA • up to 500 V for current peak value n=30 rated value 2.8 kVA • up to 500 V for current peak value n=30 rated value 2.8 kVA • up to 500 V for current peak value n=30 rated value 2.8 kVA • up to 500 V for current peak value n=30 rated value 2.8 kVA • limited to 1 s switching at zero current maximum 120 A; Use minimum cross-section acc. to AC-1 rated value • limited to 1 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • at DC 10 000 1/h • at AC-1 maximum 100 00 1/h		
• up to 500 V for current peak value n=20 rated value3.3 kVA• up to 580 V for current peak value n=30 rated value4.3 kVA• up to 230 V for current peak value n=30 rated value1 kVA• up to 230 V for current peak value n=30 rated value2.2 kVA• up to 500 V for current peak value n=30 rated value2.2 kVA• up to 500 V for current peak value n=30 rated value2.2 kVA• up to 500 V for current peak value n=30 rated value2.2 kVA• up to 500 V for current peak value n=30 rated value2.8 kVA• short-time withstand current in cold operating state up to 40 °C20 kVA• limited to 1 s switching at zero current maximum80 A. Use minimum cross-section acc. to AC-1 rated value• limited to 5 s switching at zero current maximum67 A. Use minimum cross-section acc. to AC-1 rated value• limited to 50 s switching at zero current maximum67 A. Use minimum cross-section acc. to AC-1 rated value• limited to 50 s switching at zero current maximum67 A. Use minimum cross-section acc. to AC-1 rated value• limited to 50 s switching at zero current maximum67 A. Use minimum cross-section acc. to AC-1 rated value• at DC1000 1/h• at AC-3 maximum1000 1/h• at AC-3 maximum1000 1/h• at AC-3 maximum50 1/h• at AC-3 maximum50 1/h• at AC-3 maximum50 1/h• at AC-3 maximum260 1/h• at AC-3 maximum260 1/h• at AC-3 maximum260 1/h• at AC-3 maximum260 1/h• at AC-3 maximum24 V• operating range		
• up to 630 V for current peak value n=20 rated value 4.3 kVA operating apparent power at AC-6 1 kVA • up to 230 V for current peak value n=30 rated value 1.8 kVA • up to 500 V for current peak value n=30 rated value 2.2 kVA • up to 500 V for current peak value n=30 rated value 2.9 kVA • bott-time withstand current in cold operating state up to 40 °C 120 A; Use minimum cross-section acc. to AC-1 rated value • limited to 1 s witching at zero current maximum 86 A; Use minimum cross-section acc. to AC-1 rated value • limited to 10 s switching at zero current maximum 67 A; Use minimum cross-section acc. to AC-1 rated value • limited to 10 s switching at zero current maximum 67 A; Use minimum cross-section acc. to AC-1 rated value • limited to 10 s switching at zero current maximum 67 A; Use minimum cross-section acc. to AC-1 rated value • limited to 10 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • at DC 10 000 1/h • at AC-2 maximum 750 1/h • at AC-3 maximum 750 1/h • at AC-3 maximum 750 1/h • at AC-3 maximum 250 1/h • at AC-4 maximum 250 1/h • at AC-3 maximum 250 1/h • at		
operating apparent power at AC-6a I KVA • up to 230 V for current peak value n=30 rated value 1 kVA • up to 500 V for current peak value n=30 rated value 1.8 kVA • up to 6800 V for current peak value n=30 rated value 2.2 kVA • up to 6800 V for current peak value n=30 rated value 2.9 kVA short-time withstand current in cold operating state up to 40 °C 120 A; Use minimum cross-section acc. to AC-1 rated value • limited to 1s switching at zero current maximum 86 A; Use minimum cross-section acc. to AC-1 rated value • limited to 10 s switching at zero current maximum 86 A; Use minimum cross-section acc. to AC-1 rated value • limited to 10 s switching at zero current maximum 10 value minimum cross-section acc. to AC-1 rated value • limited to 60 s switching at zero current maximum 10 value minimum cross-section acc. to AC-1 rated value • limited to 60 s switching at zero current maximum 10 value minimum cross-section acc. to AC-1 rated value • at DC 10 000 1/h operating frequency 10 000 1/h • at AC-1 maximum 1000 1/h • at AC-2 maximum 750 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 250 1/h Control supply voltage at DC 24 V		
• up to 230 V for current peak value n=30 rated value 1 kVA • up to 400 V for current peak value n=30 rated value 1.8 kVA • up to 690 V for current peak value n=30 rated value 2.2 kVA • up to 690 V for current peak value n=30 rated value 2.9 kVA short-time withstand current in cold operating state up to 40 °C 2.9 kVA • limited to 1 s switching at zero current maximum 86 A; Use minimum cross-section acc. to AC-1 rated value • limited to 10 s switching at zero current maximum 67 A; Use minimum cross-section acc. to AC-1 rated value • limited to 30 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • limited to 30 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • limited to 60 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • limited to 50 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • at DC 100 000 1/h • at DC 10 000 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 220 1/h		4.3 KVA
• up to 400 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value 2 2 kVA • up to 500 V for current peak value n=30 rated value 2 2 kVA • up to 690 V for current peak value n=30 rated value 2 2 kVA • up to 690 V for current peak value n=30 rated value 2 2 kVA • up to 690 V for current peak value n=30 rated value 2 2 kVA • up to 690 V for current peak value n=30 rated value 2 2 kVA • up to 690 V for current peak value n=30 rated value 2 2 kVA • up to 690 V for current peak value n=30 rated value 2 2 kVA • up to 590 V for current peak value n=30 rated value 2 kVA • up to 500 V for current peak value n=30 rated value 2 kVA • up to 500 V for current peak value n=30 rated value 2 kVA • up to 500 V for current peak value n=30 rated value 2 kVA • up to 500 V for current peak value n=30 rated value 20 A; Use minimum cross-section acc. to AC-1 rated value 6 A; Use minimum cross-section acc. to AC-1 rated value 10 10 s witching at zero current maximum 40 A; Use minimum cross-section acc. to AC-1 rated value 10 to 500 1/h • at AC-3 maximum 1000 1/h • at AC-3 maximum 1000 1/h • at AC-3 maximum 1000 1/h • at AC-3 maximum 250 1/h • at AC-3 maximum 0 control supply voltage at DC • rated value 0 AS • initial value 0.85 • initial value 1.6 W holding power of magnet coil at DC 1.6 W		4 10/4
• up to 500 V for current peak value n=30 rated value 2.2 kVA • up to 690 V for current peak value n=30 rated value 2.9 kVA short-time withstand current in cold operating state up to 40 °C - • limited to 1 s switching at zero current maximum 120 A; Use minimum cross-section acc. to AC-1 rated value • limited to 5 s switching at zero current maximum 66 A; Use minimum cross-section acc. to AC-1 rated value • limited to 30 s switching at zero current maximum 67 A; Use minimum cross-section acc. to AC-1 rated value • limited to 50 s switching at zero current maximum 67 A; Use minimum cross-section acc. to AC-1 rated value • limited to 50 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • limited to 50 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • at AC 50 maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • at AC-1 maximum 1000 1/h • at AC-2 maximum 1000 1/h • at AC-3 maximum 750 1/h • at AC-3 maximum 250 1/h • at AC-3 maximum 250 1/h • at AC-4 maximum 24 V • operating range factor control supply voltage rated value 24 V operating range factor control supply volt		
• up to 690 V for current peak value n=30 rated value 2.9 kVA short-time withstand current in cold operating state up to 40 °C 120 A; Use minimum cross-section acc. to AC-1 rated value • limited to 1 s switching at zero current maximum 86 A; Use minimum cross-section acc. to AC-1 rated value • limited to 1 s switching at zero current maximum 67 A; Use minimum cross-section acc. to AC-1 rated value • limited to 50 s switching at zero current maximum 67 A; Use minimum cross-section acc. to AC-1 rated value • limited to 60 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • limited to 60 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • limited to 60 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • limited to 60 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • at AC-1 maximum 52 A; Use minimum cross-section acc. to AC-1 rated value • at AC-1 maximum 10 000 1/h • at AC-2 maximum 1 000 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 250 1/h • at AC-4 maximum 250 1/h • at AC-4 maximum 24 V operating range factor control supply voltage rated		
short-time withstand current in cold operating state up to 40 °C imited to 1 s switching at zero current maximum 120 A; Use minimum cross-section acc. to AC-1 rated value e limited to 1 s switching at zero current maximum 86 A; Use minimum cross-section acc. to AC-1 rated value e limited to 10 s switching at zero current maximum 67 A; Use minimum cross-section acc. to AC-1 rated value e limited to 30 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value e limited to 60 s switching at zero current maximum 43 A; Use minimum cross-section acc. to AC-1 rated value e limited to 60 s switching at zero current maximum 43 A; Use minimum cross-section acc. to AC-1 rated value e limited to 60 s switching frequency 0000 1/h e at DC 10 000 1/h e at AC-1 maximum 1 000 1/h e at AC-3 maximum 750 1/h e at AC-3 maximum 250 1/h e at AC-3 maximum 250 1/h control circuit/ Control Uppe of voltage of the control supply voltage for rated value 0.85 operating range factor control supply voltage rated value of 0.85 initial value 0.85 initial value 0.85 initial value 0.85 initial value <td></td> <td></td>		
40 °C ilimited to 1 s switching at zero current maximum 120 A; Use minimum cross-section acc. to AC-1 rated value 1imited to 15 s switching at zero current maximum 86 A; Use minimum cross-section acc. to AC-1 rated value 1imited to 10 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value 1imited to 60 s switching at zero current maximum 52 A; Use minimum cross-section acc. to AC-1 rated value 1imited to 60 s switching at zero current maximum 43 A; Use minimum cross-section acc. to AC-1 rated value no-load switching frequency 10 000 1/h e at DC 10 000 1/h operating frequency 10 000 1/h e at AC-2 maximum 750 1/h e at AC-3 maximum 750 1/h e at AC-4 maximum 250 1/h e at AC-4 maximum 250 1/h control circuit/ Control U vp of voltage of the control supply voltage DC control supply voltage at DC Image: Control supply voltage rated value of magnet coil at DC initial value 0.85 full-scale value 0.85 design of the surge suppressor diode closing power of magnet coil at DC 1.6 W holding power of magnet coil a		2.9 KVA
• limited to 5 s switching at zero current maximum86 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum67 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum52 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum43 A; Use minimum cross-section acc. to AC-1 rated value• at DC10 000 1/h• at AC-1 maximum1 000 1/h• at AC-1 maximum1 000 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum250 1/h• at AC-4 maximum24 V• operating range factor control supply voltage0.85• rated value0.85• initial value0.85• initial value0.85• full-scale value1.6 Wholding power of magnet coil at DC1.6 W		
• limited to 5 s switching at zero current maximum86 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum67 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum52 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum43 A; Use minimum cross-section acc. to AC-1 rated value• at DC10 000 1/hoperating frequency100 001 /h• at AC-1 maximum1 000 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum250 1/h• at AC-4 maximum24 V• operating range factor control supply voltage rated value of magnet coil at DC0.85• initial value0.85• full-scale value1.85• design of the surge suppressordiode• full-scale value1.6 W• holding power of magnet coil at DC1.6 W	 limited to 1 s switching at zero current maximum 	120 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 10 s switching at zero current maximum67 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum52 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum43 A; Use minimum cross-section acc. to AC-1 rated valueno-load switching frequency0000 1/h• at DC0000 1/h• at AC-1 maximum10000 1/h• at AC-2 maximum1000 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum750 1/h• at AC-4 maximum750 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum24 V• at AC-4 maximum24 V• at AC-4 maximum0.85• rated value0.85• rated value1.85• design of the surge suppressordiode• full-scale value1.6 W• holding power of magnet coil at DC1.6 W	-	
• limited to 30 s switching at zero current maximum52 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum43 A; Use minimum cross-section acc. to AC-1 rated valueno-load switching frequency10 000 1/h• at DC10 000 1/hoperating frequency1000 1/h• at AC-2 maximum1000 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum750 1/h• at AC-4 maximum750 1/h• at AC-4 maximum250 1/h• at AC-4 maximum260 1/h• at AC-4 maximum260 1/h• at AC-4 maximum24 V• at at Que0.85• rated value0.85• initial value0.85• full-scale value1.85design of the surge suppressordiodeclosing power of magnet coil at DC1.6 Wholding power of magnet coil at DC1.6 W	-	
• limited to 60 s switching at zero current maximum43 A; Use minimum cross-section acc. to AC-1 rated valueno-load switching frequency10 000 1/h• at DC10 000 1/hoperating frequency1000 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum250 1/h• at AC-4 maximum24 V• ortol circuit/ Control24 V• rated value0.85• initial value0.85• full-scale value1.85• design of the surge suppressordiodeclosing power of magnet coil at DC1.6 W• holding power of magnet coil at DC1.6 W	-	
no-load switching frequency• at DC10 000 1/hoperating frequency	-	43 A; Use minimum cross-section acc. to AC-1 rated value
• at DC10 000 1/hoperating frequency1000 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum250 1/h• at AC-4 maximum0.C• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum0.C• at AC-4 maximum0.8• at AC-4 maximum0.85• at AC-4 maximum0.85• initial value0.85• initial value0.85• initial value1.85• design of the surge suppressordiodeclosing power of magnet coil at DC1.6 Wholding power of magnet coil at DC1.6 W		
operating frequencyI• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• control circuit/ ControlDC• control supply voltage at DCDC• rated value24 V• operating range factor control supply voltage rated value of magnet coil at DC0.85• initial value0.85• full-scale value1.85design of the surge suppressordiodeclosing power of magnet coil at DC1.6 Wholding power of magnet coil at DC1.6 W		10 000 1/h
• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum250 1/h• at AC-4 maximum250 1/hControl circuit/ ControlDCcontrol supply voltage of the control supply voltageDC• rated value24 V• rated value0.85• initial value0.85• full-scale value1.85design of the surge suppressordiodeclosing power of magnet coil at DC1.6 Wholding power of magnet coil at DC1.6 W		
• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum250 1/hControl circuit/ ControlDCControl supply voltage at DC0• rated value24 V• rated value24 V• perating range factor control supply voltage rated value of magnet coil at DC0.85• initial value0.85• full-scale value1.85design of the surge suppressordiodeclosing power of magnet coil at DC1.6 Wholding power of magnet coil at DC1.6 W		1 000 1/h
• at AC-3 maximum750 1/h• at AC-3e maximum750 1/h• at AC-4 maximum250 1/hControl circuit/ Control250 1/hControl circuit/ ControlDCcontrol supply voltage at DC24 V• rated value24 Voperating range factor control supply voltage rated value of magnet coil at DC0.85• initial value0.85• full-scale value1.85design of the surge suppressordiodeclosing power of magnet coil at DC1.6 Wholding power of magnet coil at DC1.6 W		
• at AC-3e maximum750 1/h• at AC-4 maximum250 1/hControl circuit/ Controltype of voltage of the control supply voltageDCcontrol supply voltage at DC24 V• rated value24 Voperating range factor control supply voltage rated value of magnet coil at DC0.85• initial value0.85• full-scale value1.85design of the surge suppressordiodeclosing power of magnet coil at DC1.6 W		
• at AC-4 maximum250 1/hControl circuit/ ControlDCtype of voltage of the control supply voltageDCcontrol supply voltage at DC24 V• rated value24 Voperating range factor control supply voltage rated value of magnet coil at DC0.85• initial value0.85• full-scale value1.85design of the surge suppressordiodeclosing power of magnet coil at DC1.6 Wholding power of magnet coil at DC1.6 W		
Control circuit/ Control type of voltage of the control supply voltage DC control supply voltage at DC 24 V • rated value 24 V operating range factor control supply voltage rated value of magnet coil at DC 0.85 • initial value 0.85 • full-scale value 1.85 design of the surge suppressor diode closing power of magnet coil at DC 1.6 W holding power of magnet coil at DC 1.6 W		
type of voltage of the control supply voltage DC control supply voltage at DC		
control supply voltage at DC 24 V operating range factor control supply voltage rated value of magnet coil at DC 0.85 • initial value 0.85 • full-scale value 1.85 design of the surge suppressor diode closing power of magnet coil at DC 1.6 W holding power of magnet coil at DC 1.6 W		DC
• rated value 24 V operating range factor control supply voltage rated value of magnet coil at DC 0.85 • initial value 0.85 • full-scale value 1.85 design of the surge suppressor diode closing power of magnet coil at DC 1.6 W holding power of magnet coil at DC 1.6 W		
operating range factor control supply voltage rated value of magnet coil at DC0.85• initial value0.85• full-scale value1.85design of the surge suppressordiodeclosing power of magnet coil at DC1.6 Wholding power of magnet coil at DC1.6 W		24 V
• initial value 0.85 • full-scale value 1.85 design of the surge suppressor diode closing power of magnet coil at DC 1.6 W holding power of magnet coil at DC 1.6 W	operating range factor control supply voltage rated value of	
• full-scale value1.85design of the surge suppressordiodeclosing power of magnet coil at DC1.6 Wholding power of magnet coil at DC1.6 W	-	0.85
design of the surge suppressordiodeclosing power of magnet coil at DC1.6 Wholding power of magnet coil at DC1.6 W		
closing power of magnet coil at DC 1.6 W holding power of magnet coil at DC 1.6 W		
holding power of magnet coil at DC 1.6 W		
	closing delay	

• if Co 20Borns extrols time 015 rs on constant of the availeb operating mechanism Standard A1 - A2 Auxiliary clouids Imprint of MC contracts for auxiliary contracts instantaneous Imprint of MC contracts for auxiliary contracts instantaneous operational current at AC-12 maximum 10 A Imprint of MC contracts for auxiliary contracts instantaneous • e. 200 V rated value 3 A Imprint of MC contracts for auxiliary contracts instantaneous • e. 200 V rated value 3 A Imprint of MC contracts for auxiliary contracts instantaneous • e. 200 V rated value 3 A Imprint of MC contracts for auxiliary contracts • e. 200 V rated value 6 A Imprint of MC contracts • e. 200 V rated value 3 A Imprint of MC contracts • e. 200 V rated value 3 A Imprint of MC contracts • e. 200 V rated value 3 A Imprint of MC contracts • e. 200 V rated value 3 A Imprint of MC contracts • e. 200 V rated value 3 A Imprint of MC contracts • e. 200 V rated value 3 A Imprint of MC contracts • e. 200 V rated value 3 A I	• at DC	25 120 ms		
acting time 10, 15 ms control version of the switch operating mechanism Standard A1 - A2 Austing actual 1 control version of the switch operating instantaneous 1 control version of AD contacts for subling outlacts instantaneous 1 contact 10 A operational current at AC-12 maximum 10 A operational current at AC-12 10 A eit 600 Vraide value 2 A eit 600 Vraide value 6 A eit 600 Vraide value 10 A eit 600 Vraide value<	opening delay			
control of the switch operating mechanism Standard A1 - A2 Auxiliary circuit number of No contest for auxiliary contacts instantaneous 1 contact 00 A operational current at AC-12 operational current at AC-12 10 A operational current at AC-12 10 A • at 300 Vinited value 10 A • at 500 Vinited value 10 A • at 600 Vinited value 10 A • at 600 Vinited value 0 A • at 60 Vinited value 0.15 A Opparational current at DC-13 0 A • at 20 Vinited value 0.16 A • at 60 Vinited value 0.4 A • at 60 Vinited valu	• at DC	20 80 ms		
Auxiliary circuit 1 contact 1 operational current at AC-12 maximum 10 A operational current at AC-13 10 A ot 24 V intel value 10 A ot 25 V intel value 10 A ot 26 V intel value 10 A ot 27 V intel value 10 A ot 28 V intel value 10 A ot 29 V intel val	arcing time	10 15 ms		
number of NO contacts for availably contacts instantaneous contact 1 operational current at AC-15 10.A ext 230 V rated value 10.A ext 400 V rated value 3.A ext 600 V rated value 1.A operational current at AC-15 10.A ext 600 V rated value 1.A operational current at DC-12 1.A ext 60 V rated value 0.A ext 80 V rated value 0.A <t< td=""><td></td><td>Standard A1 - A2</td></t<>		Standard A1 - A2		
contact 10 A operational current at AC-12 maximum 10 A e at 30 V rated value 3 A at 30 V rated value 6 A of 30 V rated value 6 A at 40 V rated value 3 A at 50 V rated value 6 A at 60 V rated value 0 A at 20 V rated value 0 A at 20 V rated value 0 A at 60 V rated value 2 A at 60 V rated value 2 A at 60 V rated value 0 A at 60 V rated value 0 A at 60 V rated value 0 A at 20 V rated value 0 A at 60 V rate	Auxiliary circuit			
operational current at AC-15 IDA • at 300 Vrated value 10 A • at 30 Vrated value 6 A • at 30 Vrated value 6 A • at 30 Vrated value 6 A • at 300 Vrated value 10 A • at 300 Vrated value 03 A • at 300 Vrated value </td <td></td> <td>1</td>		1		
 at 230 V rated value at 600 V rated value 2 A at 600 V rated value 1 A operational current at DC-12 at 610 V rated value 1 A at 610 V rated value 1 A at 610 V rated value 1 A operational current at DC-12 at 614 V valed value A at 614 V valed value A at 614 V rated value A at 615 V rated value A at 615 V rated value A at 610 V rated value A A at 610 V rated value A A	operational current at AC-12 maximum	10 A		
• at 400 V rated value 3 A • at 600 V rated value 2 A • at 600 V rated value 1 A operational current at DC-12 • • at 43 V rated value 6 A • at 64 V rated value 6 A • at 64 V rated value 7 A • at 64 V rated value 7 A • at 72 V rated value 7 A • at 72 V rated value 7 A • at 200 V rated value 7 A • at 600 V rated value 7 A • at 600 V rated value 8 A • at 600 V rated value 6 A • at 600 V rated value 7 A • at 600 V rated value 7 A	operational current at AC-15			
eif 500 V rated value 2 A i at 690 V rated value 1 A operational current at DC-12	• at 230 V rated value	10 A		
• at 260 Vrated value1 Aoperational current at DC-12• at 24 Vrated value0 A• at 48 Vrated value6 A• at 100 Vrated value3 A• at 125 Vrated value2 A• at 200 Vrated value0.15 A• at 200 Vrated value0.15 A• at 200 Vrated value2 A• at 200 Vrated value0.16 A• at 400 Vrated value0.25 hp• at 200 Vrated value0.25 hp• at 200 Vrated value1.5 hp- at 200 Vrated value1.5 hp- at 200 Vrated value3.5 hp• at 200 Vrated value3.5 hp• for single-phase AC motor	• at 400 V rated value	3 A		
operational current at DC-12 10 A • at 24 V rated value 10 A • at 80 V rated value 6 A • at 80 V rated value 6 A • at 80 V rated value 6 A • at 125 V rated value 2 A • at 200 V rated value 0.15 A operational current at DC-13 1 A • at 200 V rated value 0.15 A operational current at DC-13 1 A • at 20 V rated value 0.15 A operational current at DC-13 1 A • at 20 V rated value 0.15 A operational current at DC-14 2 A • at 80 V rated value 2 A • at 80 V rated value 0.4 A • at 80 V rated value 0.5 A • at 800 V rated value 0.1 A • at 800 V rated value 6.1 A vilic6a runner (FLA) for 3-phase AC motor - • at 800 V rated value 0.25 hp • at 800 V rated value 0.75 hp • at 800 V rated value 0.75 hp • at 800 V rated value 1.5 hp • at 800 V rated value 1.5 hp • at 800 V rated value 1.5 h	• at 500 V rated value	2 A		
• at 24 V rated value 10 A • at 48 V rated value 6 A • at 100 V rated value 3 A • at 125 V rated value 3 A • at 200 V rated value 1 A • at 200 V rated value 0.15 A • opportional current at DC-13 0.15 A • at 24 V rated value 0.15 A • at 20 V rated value 0.16 A • at 20 V rated value 0.3 A • at 200 V rated value 0.14 • at 600 V rated value 6.1 A • at 600 V rated value 0.15 hp • at 600 V rated value 0.25 hp <		1 A		
• at 48 V rated value6 A• at 60 V rated value6 A• at 125 V rated value2 A• at 225 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-13	-			
• at 60 V rated value 6 A • at 110 V rated value 3 A • at 220 V rated value 1 A • at 220 V rated value 0.15 A operational current at DC-13				
• at 110 V rated value 3 A • at 125 V rated value 2 A • at 260 V rated value 0.15 A operational current at DC-13 • • at 460 V rated value 0.15 A operational current at DC-13 • • at 46 V rated value 10 A • at 46 V rated value 2 A • at 60 V rated value 2 A • at 100 V rated value 0.1 A • at 125 V rated value 0.3 A • at 200 V rated value 0.1 A • at 480 V rated value 0.1 A • at 480 V rated value 0.1 A • at 480 V rated value 0.25 hp • at 480 V rated value 0.25 hp • at 200 V rated value 0.25 hp • at 200208 V rated value 0.25 hp • at 200208 V rated value 1.5 hp - at 2020208 V rated value 3 hp - at 2020208 V rated value 5 hp contet rating of auxiliary contacts according to				
• at 125 V rated value 2 A • at 220 V rated value 0.15 A operational current at DC-13				
• at 220 V rated value 0.15 A • at 600 V rated value 0.15 A • at 24 V rated value 10 A • at 24 V rated value 2 A • at 48 V rated value 2 A • at 100 V rated value 2 A • at 100 V rated value 0.3 A • at 25 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 T full-add current (FLA) for 3-phase AC motor 4 8 A • at 600 V rated value 6.1 A vielded mechanical performance [hp] • or 100 million (17 V, 1 mA) vielded mechanical performance [hp] • or 3 hp • or at 200 V rated value 0.25 hp - at 200208 V rated value 0.75 hp - at 200208 V rated value 1.5 hp - at 200208 V rated value 3 hp - at 200208 V rated value 3 hp - at 200208 V rated value 5 hp - at 200208 V rated value 5 hp - at 200208 V rated value 5 hp - at 575600 V rated value 5 hp - a				
• at 600 V rated value 0.15 Å operational current at DC-13 10 Å • at 24 V rated value 2 Å • at 60 V rated value 2 Å • at 60 V rated value 2 Å • at 60 V rated value 0.9 Å • at 125 V rated value 0.9 Å • at 220 V rated value 0.14 Å • at 200 V rated value 0.14 Å • at 600 V rated value 0.25 hp • at 600 V rated value 0.25 hp • at 200 V rated value 0.25 hp • at 200 V rated value 0.25 hp • at 200 V rated value 1.5 hp • at 200200 V rated value 1.5 hp • at 600 V rated value 1.5 hp • at 600 V rated value 3 hp • at 600 V rated value 5 hp <td></td> <td></td>				
operational current at DC-13 10 A • at 24 V rated value 10 A • at 44 V rated value 2 A • at 60 V rated value 2 A • at 110 V rated value 10 A • at 120 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) UL/CSA ratings 1 full-ded current (FLA) for 3-phase AC motor - • at 600 V rated value 4.8 A • at 600 V rated value 6.1 A yielded mechanical performance (hp) - • for single-phase AC motor - - at 200/280 V rated value 0.25 hp - at 200/280 V rated value 0.25 hp - at 200/280 V rated value 1.5 hp - at 200/280 V rated value 3 hp - at 200/280 V rated value 3 hp - at 200/280 V rated value 5 hp Contact rating of auxillary contacts according to UL A600 / G800 Short-circuit protection of the main circuit - - with type of coordination 1 required gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) - with type of assignment 2 required gG: 10A (500 V, 14kA), BS88: 35A (415V, 80kA)				
• at 24 V rated value 10 A • at 49 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 200 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UUCSA rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UUCSA rated value 0.1 A e at 600 V rated value 6.1 A vielded mechanical performance [hp] 6.1 A • for single-phase AC motor - at 110/120 V rated value - at 200 V rated value 0.25 hp - at 200/208 V rated value 0.75 hp • for 3-phase AC motor - at 200/208 V rated value - at 200/208 V rated value 1.5 hp - at 200/208 V rated value 1.5 hp - at 460:480 V rated value 3 hp contact rating of auxiliary contacts according to UL A800 / O600 Short-circuit protection g6: 35A (690V, 100KA), aM: 20A (690V, 100KA), BS88: 35A (415V, 80KA) g6: 36A (690V, 100KA), aM: 16A (690V, 100KA), BS88: 35A (415V, 80KA) g6: 30A (U. 10 A		
• at 48 V rated value 2 Å • at 100 V rated value 2 Å • at 110 V rated value 0.9 Å • at 125 V rated value 0.9 Å • at 202 V rated value 0.3 Å • at 600 V rated value 0.1 Å contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UUCSA traings	-	10.0		
• at 60 V rated value2 Å• at 120 V rated value1 Å• at 220 V rated value0.8 Å• at 220 V rated value0.1 Å• at 600 V rated value0.1 Å• at 600 V rated value0.1 Å• at 600 V rated value0.1 Å• at 800 V rated value0.1 Å• at 800 V rated value0.1 Å• at 800 V rated value6.1 Å• at 800 V rated value6.1 Å• at 800 V rated value0.25 hp• at 800 V rated value0.25 hp• at 220/230 V rated value0.25 hp• at 220/230 V rated value0.25 hp• at 220/230 V rated value1.5 hp• at 220/230 V rated value3 hp• at 480 V rated value3 hp• at 480 V rated value5 hp• at 480/40 V rated value5 hp• or 61 single of assignment 2 requiredg6: 32A (690V, 100kA), AM: 20A (690V, 100kA), BSB8: 35A (415V, 80kA)• with type of coordination 1 requiredg6: 32A (690V, 100kA), AM: 20A (690V, 100kA), BSB8: 35A (415V, 80kA)• for short-circuit protectiong6: 32A (690V, 100kA), AM: 20A (690V, 100kA), BSB8: 35A (415V, 80kA)• with type of assignment 2 requiredg6: 32A (690V, 100kA), AM: 20A (690V, 100kA), BSB8: 35A (415V, 80kA)• for short-circuit protection of the main circuitg6: 32A (690V, 100kA), AM: 20A (690V, 100kA), BSB8: 35A (415V, 80kA)• with type of assignment 2 requiredg6: 32A (690V, 100kA), AM: 20A (690V, 100kA), BSB8: 35A (415V, 80kA)• for short-circuit protection of the auxiliary switch requiredg6: 32A (690V, 100kA), AM: 16A (690V, 100kA), BSB8: 35A (415				
• at 110 V rated value 1 A • at 225 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				
• 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 1 full-bade current (FLA) for 3-phase AC motor 4.8 A • at 800 V rated value 6.1 A yielded mechanical performance [hp] 6.1 A • of single-phase AC motor 0.25 hp - at 101/120 V rated value 0.25 hp - at 230 V rated value 0.25 hp - at 200/208 V rated value 0.25 hp - at 200/208 V rated value 1.5 hp - at 200/208 V rated value 2 hp - at 200/208 V rated value 3 hp - at 460/480 V rated value 5 hp - at 575/600 V rated value 5 hp e or short-circuit protection of the main circuit 9G: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA) g: 02A (690V, 100kA), aM: 16A (690V, 100kA), BS88: 35A (415V, 80kA) 9G: 20A (690V, 100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) g: 10 A (500 V, 1 kA) 9G: 10 A (500 V, 10kA), aM: 16A (690V, 100kA), BS88: 35A (415V, 80kA) g: 10 A (500 V, 1 kA) 9G: 20A (690V, 100kA), aM: 16A (690V, 100kA), BS88: 35A (415V, 80kA) g: 10 A (500 V, 1 kA) 9G: 10 A (500 V, 1 kA) Installation/ mounting dimensions */180° rotation possible on vertical mounting surfac				
 et 220 V rated value 0.3 A et 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 full-load current (FLA) for 3-phase AC motor et 480 V rated value et 600 V rated value full-load current (FLA) for 3-phase AC motor et 480 V rated value et 600 V rated value full-load current (FLA) for 3-phase AC motor et 600 V rated value full-load current (FLA) for 3-phase AC motor at 600 V rated value for single-phase AC motor at 100/120 V rated value 0.25 hp at 200 V rated value 0.75 hp et 220/230 V rated value 0.75 hp at 200/280 V rated value 2 hp at 200/280 V rated value 3 hp at 460/480 V rated value 5 hp contact rating of auxiliary contacts according to UL A6800 / Q600 Short-circuit protection of the main circuit with hype of coordination 1 required gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), B588: 35A (415V, 80kA) gG: 10 A (500 V, 100kA), aM: 16A (690V, 100kA), B588: 35A (415V, 80kA) gG: 10 A (500 V, 100kA), aM: 16A (690V, 100kA), B588: 35A (415V, 80kA) gG: 10 A (500 V, 100kA), aM: 16A (690V, 100kA), B588: 35A (415V, 80kA) gG: 10 A (500 V, 100kA), aM: 16A (690V, 100kA), B588: 35A (415V, 80kA) gG: 10 A (500 V, 10kA) I				
• 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				
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 4.8 A • at 480 V rated value 6.1 A yielded mechanical performance [hp] 6.1 A • for single-phase AC motor 0.25 hp - at 200 V rated value 0.25 hp - at 200 V rated value 0.75 hp • for 3-phase AC motor 0.75 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 450/480 V rated value 3 hp - at 57/600 V rated value 5 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 35A (690V, 100kA), aM: 16A (690V, 100kA), BS8B: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS8B: 25A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS8B: 25A (415V,80kA) gG: 35A (690V,100kA), aM: 16A (690V, 100kA), BS8B: 25A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS8B: 25A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS8B: 25A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS8B: 25A (415V,80kA) for short-circuit prot				
UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 480 V rated value • at 480 V rated value • at 600 V rated value • for single-phase AC motor - at 110/120 V rated value - at 200 V rated value - at 450/480 V rated value - at 57/600 V rated value - at 57/600 V rated value - at 57/600 V rated value - with type of coordination 1 required - with type of coordination 1 required - with type of assignment 2 required - with type of assignment 2 required - with type of assignment 2 required - for short-circuit protection of the auxiliary switch required gc: 10 A (500 V, 1 kA) add (690V, 100kA), aM: 16A (690V, 100kA), BS88: 35A (415V, 80kA) gc: 10 A (500 V, 1 kA) Installation/ mounting dimensions mounting position				
full-load current (FLA) for 3-phase AC motor 4.8 A • at 480 V rated value 6.1 A yielded mechanical performance [hp] 6.1 A • or single-phase AC motor 0.25 hp - at 110/120 V rated value 0.25 hp - at 200/208 V rated value 0.75 hp • for 3-phase AC motor 1.5 hp - at 200/208 V rated value 1.5 hp - at 200/208 V rated value 1.5 hp - at 450/480 V rated value 3 hp - at 450/480 V rated value 3 hp - at 450/480 V rated value 5 hp - at 450/480 V rated value 5 hp - at 65/5600 V rated value 5 hp - at 675/600 V rated value 5 hp - at 675/600 V rated value 5 hp - with type of coordination 1 required gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gG: 30A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V,80kA) - with type of coordination 1 required gG: 10 A (500 V, 1 kA) Installation/ mounting value #/-180" rotation possible on vertical mounting surface; can be tilted forward and backward by 4/- 22.5" on vertical mounting surface festening method screw and snap-on m				
• at 480 V rated value 4.8 A • at 600 V rated value 6.1 A yielded mechanical performance [hp] 6.1 A • at 110/120 V rated value 0.25 hp - at 110/120 V rated value 0.25 hp - at 200208 V rated value 0.75 hp • for 3-phase AC motor - - at 200208 V rated value 1.5 hp - at 200208 V rated value 2 hp - at 460/480 V rated value 3 hp - at 460/480 V rated value 5 hp - at 450/5600 V rated value 5 hp - at 575600 V rated value 5 hp contact rating of auxiliary contacts according to UL A600 / 0600 Short-circuit protection of the main circuit - - with type of coordination 1 required gG: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - with type of coordination 1 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V,80kA) of or short-circuit protection of the main circuit - - with type of coordination 1 required gG: 10 A (500 V, 1 kA) Installation/ mounting values spin - of or short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Ins				
yielded mechanical performance [hp] • for single-phase AC motor at 110//20 V rated value 0.25 hp at 230 V rated value 0.75 hp • for 3-phase AC motor		4.8 A		
• for single-phase AC motor.25 hp- at 110/120 V rated value0.25 hp- at 230 V rated value0.75 hp• at 230 V rated value0.75 hp- at 200/208 V rated value1.5 hp- at 220/230 V rated value2 hp- at 220/230 V rated value3 hp- at 60/480 V rated value5 hp- at 60/480 V rated value5 hp- at 675/600 V rated value5 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiongG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)- with type of coordination 1 requiredgG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)- with type of assignment 2 requiredgG: 10 A (500 V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)- with type of assignment 2 requiredgG: 10 A (500 V, 100kA), aM: 20A (690V, 100kA), BS88: 20A (415V, 80kA)- with type of ocordination 1 requiredgG: 10 A (500 V, 100kA), aM: 20A (690V, 100kA), BS88: 20A (415V, 80kA)- with type of coordination 1 requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensions+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical	• at 600 V rated value	6.1 A		
• for single-phase AC motor.25 hp- at 110/120 V rated value0.25 hp- at 230 V rated value0.75 hp• at 230 V rated value0.75 hp- at 200/208 V rated value1.5 hp- at 220/230 V rated value2 hp- at 220/230 V rated value3 hp- at 60/480 V rated value5 hp- at 60/480 V rated value5 hp- at 675/600 V rated value5 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiongG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)- with type of coordination 1 requiredgG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)- with type of assignment 2 requiredgG: 10 A (500 V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)- with type of assignment 2 requiredgG: 10 A (500 V, 100kA), aM: 20A (690V, 100kA), BS88: 20A (415V, 80kA)- with type of ocordination 1 requiredgG: 10 A (500 V, 100kA), aM: 20A (690V, 100kA), BS88: 20A (415V, 80kA)- with type of coordination 1 requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensions+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical	yielded mechanical performance [hp]			
- at 230 V rated value0.75 hp• for 3-phase AC motor at 200/208 V rated value1.5 hp- at 220/230 V rated value2 hp- at 460/480 V rated value3 hp- at 460/480 V rated value5 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiondesign of the fuse link• for short-circuit protection of the main circuit- with type of coordination 1 requiredgG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)- with type of assignment 2 requiredgG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (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 forward and backward by +/- 22.5° on vertical mounting surfacefastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715• side-by-side mountingYesheight70 mmwidth45 mmdepth73 mm				
• for 3-phase AC motor at 200/208 V rated value1.5 hp- at 220/230 V rated value2 hp- at 220/230 V rated value3 hp- at 460/480 V rated value5 hp- at 575/600 V rated value5 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiondesign of the fuse link- with type of coordination 1 requiredgG: 35A (690V,100kA), aW: 20A (690V,100kA), BS88: 35A (415V,80kA)- with type of coordination 1 requiredgG: 20A (690V,100kA), aW: 20A (690V,100kA), BS88: 20A (415V, 80kA)- with type of assignment 2 requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensions+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surfacefastening methodside-by-side mounting• side-by-side mountingYesheight70 mmwidth45 mmdepth73 mm	— at 110/120 V rated value	0.25 hp		
- at 200/208 V rated value1.5 hp- at 220/230 V rated value2 hp- at 460/480 V rated value3 hp- at 575/600 V rated value5 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectionGe: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)- with type of coordination 1 requiredgG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)- with type of assignment 2 requiredgG: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)- with type of assignment 2 requiredgG: 10 A (500 V, 10kA), aM: 20A (690V,100kA), BS88: 20A (415V,80kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 10kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 10kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 10kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 1 kA)Installation/ mounting dimensionst//180° rotation possible on vertical mounting surface; can be tilted forward and backward by t/- 22.5° on vertical mounting surface• side-by-side mountingYesheight70 mmwidth45 mmdepth73 mmrequired spacingYi amage	— at 230 V rated value	0.75 hp		
at 220/230 V rated value2 hp at 460/480 V rated value3 hp at 575/600 V rated value5 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiondesign of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required • for short-circuit protection of the main circuit 	• for 3-phase AC motor			
	— at 200/208 V rated value	1.5 hp		
at 575/600 V rated value5 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiondesign of the fuse link 	— at 220/230 V rated value	2 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 gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) 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 and backward by +/- 22.5° on vertical mounting surface side-by-side mounting Yes height 70 mm width 45 mm depth 73 mm required spacing	— at 460/480 V rated value	3 hp		
Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 35A (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 mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting Yes height 70 mm width 45 mm depth 73 mm				
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: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions t+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 side-by-side mounting Yes height 70 mm width 45 mm depth 73 mm 		A600 / Q600		
• for short-circuit protection of the main circuitgG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) gG: 10 A (500 V, 10kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) gG: 10 A (500 V, 1 kA)• for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required mounting/ dimensions+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surfacemounting position+/-180° rotation possible on vertical mounting surface; screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 • side-by-side mountingheight70 mmwidth45 mmdepth73 mm	Short-circuit protection			
with type of coordination 1 requiredgG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) with type of assignment 2 requiredgG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (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 forward and backward by +/- 22.5° on vertical mounting surfacefastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715• side-by-side mountingYesheight70 mmwidth45 mmdepth73 mm	design of the fuse link			
with type of assignment 2 requiredgG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (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 forward and backward by +/- 22.5° on vertical mounting surfacefastening methodscrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715• side-by-side mountingYesheight70 mmwidth45 mmdepth73 mm	-			
• 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 and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting Yes height 70 mm width 45 mm depth 73 mm				
mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting Yes height 70 mm width 45 mm depth 73 mm		gG: 10 A (500 V, 1 kA)		
backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting Yes height 70 mm width 45 mm depth 73 mm required spacing Image: State of the state				
• side-by-side mounting Yes height 70 mm width 45 mm depth 73 mm required spacing 73 mm	mounting position	backward by +/- 22.5° on vertical mounting surface		
height 70 mm width 45 mm depth 73 mm required spacing 73 mm	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715		
width 45 mm depth 73 mm required spacing 73 mm	 side-by-side mounting 			
depth 73 mm required spacing 73 mm	height	70 mm		
required spacing	width			
	•	73 mm		
with side-by-side mounting				
	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
— downwards	10 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
 for main current circuit 	spring-loaded terminals
 for auxiliary and control circuit 	spring-loaded terminals
 at contactor for auxiliary contacts 	Spring-type terminals
 of magnet coil 	Spring-type terminals
type of connectable conductor cross-sections for main contacts	
• solid	2x (0.5 4 mm²)
 solid or stranded 	2x (0,5 4 mm²)
 finely stranded with core end processing 	2x (0.5 2.5 mm²)
 finely stranded without core end processing 	2x (0.5 2.5 mm²)
connectable conductor cross-section for main contacts	
• solid	0.5 4 mm²
stranded	0.5 4 mm²
 finely stranded with core end processing 	0.5 2.5 mm²
 finely stranded without core end processing 	0.5 2.5 mm²
connectable conductor cross-section for auxiliary contacts	
 solid or stranded 	0.5 4 mm²
 finely stranded with core end processing 	0.5 2.5 mm²
 finely stranded without core end processing 	0.5 2.5 mm²
type of connectable conductor cross-sections	
 for auxiliary contacts 	
— solid or stranded	2x (0,5 4 mm²)
 finely stranded with core end processing 	2x (0.5 2.5 mm²)
 finely stranded without core end processing 	2x (0.5 2.5 mm²)
 for AWG cables for auxiliary contacts 	2x (20 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	No
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
suitability for use	
safety-related switching OFF	Yes
Certificates/ approvals	
General Product Approval	
Ocheral Froduct Approval	

	<u>Confirmation</u>		(U) III	KC	EHC
EMC	Functional Safety/Safety of Ma- chinery	Declaration of Confor	mity	Test Certificates	
RCM	<u>Type Examination Cer-</u> tificate	CE EG-Konf.	UK CA	Special Test Certific- ate	Type Test Certific- ates/Test Report
Marine / Shipping					
ABS	BUREAU VERITAS		Hoyd's Register Lits	PRS	RINA
Marine / Shipping	other		Railway	Dangerous Good	Environment
Confirmation Vibration and Shock Transport Information Environmental Confirmations RMRS Vibration and Shock Transport Information Environmental Confirmations					
Further information					
https://press.siemens. Siemens is working of Please contact your lo EAC relevant market (Information on the pa https://support.industry Information- and Dow https://www.siemens.co Industry Mall (Online	vnloadcenter (Catalogs, E com/ic10	existences-wind-down-rus rent EAC certificates. tatus of validity of the EA EAEU member states Rus ew/109813875 Brochures,)	C certification if you inten ssia or Belarus).	d to import or offer to supp	bly these products to an

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2015-2VB41

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2015-2VB41

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

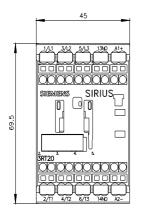
https://support.industry.siemens.com/cs/ww/en/ps/3RT2015-2VB4

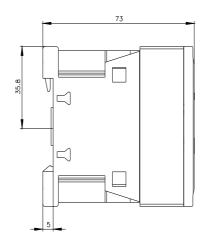
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2015-2VB41&lang=en

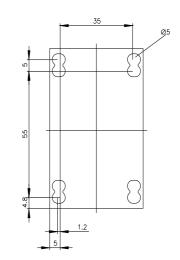
Characteristic: Tripping characteristics, I2t, Let-through current

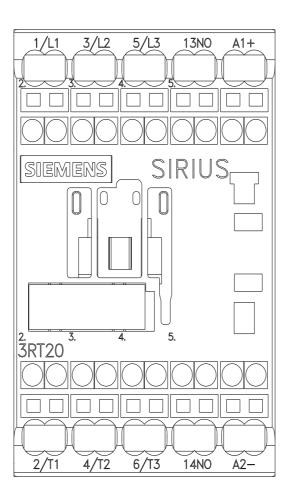
https://support.industry.siemens.com/cs/ww/en/ps/3RT2015-2VB41/char

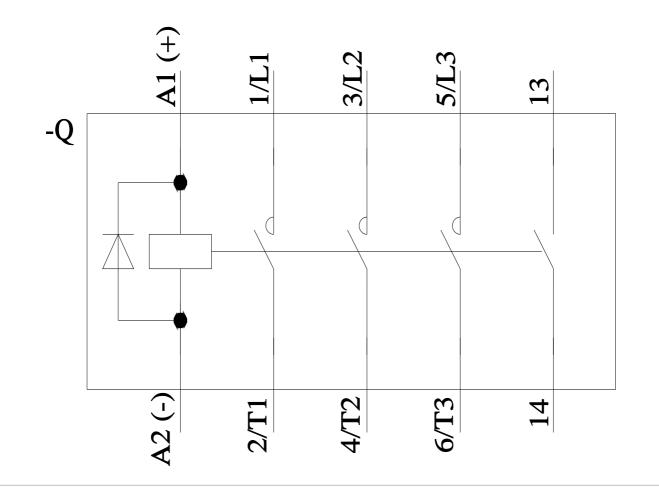
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siem ens.com/bilddb/index.aspx?view= &mlfb











last modified:

2/10/2023 🖸