Data sheet

3RT2016-2MB42-0KT0



power contactor, AC-3e/AC-3, 9 A, 4 kW / 400 V, 3-pole, 24 V DC, $0.85-1.85^*$ Us, auxiliary contacts: 1 NC, 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 	0.9 W
 at AC in hot operating state per pole 	0.3 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

 at AC-3e rated value maximum 	690 V
operational current	
at AC-1 at 400 V at ambient temperature 40 °C rated value	22 A
• at AC-1	
— up to 690 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	22 A
— up to 690 V at ambient temperature 60 $^{\circ}\text{C}$ rated value	20 A
• at AC-3	
— at 400 V rated value	9 A
— at 500 V rated value	7.7 A
— at 690 V rated value	6.7 A
• at AC-3e	
— at 400 V rated value	9 A
— at 500 V rated value	7.7 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	7.4 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	5.3 A
— up to 400 V for current peak value n=20 rated value	5.3 A
— up to 500 V for current peak value n=20 rated value	5.3 A
— up to 690 V for current peak value n=20 rated value	5 A
• at AC-6a	
 up to 230 V for current peak value n=30 rated value 	3.5 A
 up to 400 V for current peak value n=30 rated value 	3.5 A
 up to 500 V for current peak value n=30 rated value 	3.6 A
— up to 690 V for current peak value n=30 rated value	3.3 A
minimum cross-section in main circuit at maximum AC-1 rated	4 mm²
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
	0.071
operational current	
operational current • at 1 current path at DC-1	
• at 1 current path at DC-1	20 A
• at 1 current path at DC-1 — at 24 V rated value	20 A
at 1 current path at DC-1 at 24 V rated value at 60 V rated value	20 A
 at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value 	20 A 2.1 A
at 1 current path at DC-1 at 24 V rated value at 60 V rated value at 110 V rated value at 220 V rated value	20 A 2.1 A 0.8 A
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* with 2 current paths in series at DC-3 at DC-5		
	-	
	— at 24 V rated value	20 A
- with 3 current paths in series at DC-3 at DC-5	— 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
Department Dep	— at 220 V rated value	1.5 A
at AC-3	— at 440 V rated value	0.2 A
at AC-3 — at 230 V rated value — at 600 V for current pack value n=20 rated value — up to 400 V for current pack value n=20 rated value — up to 500 V for current pack value n=20 rated value — up to 500 V for current pack value n=30 rated value — up to 500 V for current pack value n=30 rated value — up to 500 V for current pack value n=30 rated value — up to 500 V for current pack value n=30 rated value — up to 500 V for current pack value n=30 rated value — up to 500 V for current pack value n=30 rated value — up to 500 V for current pack value n=30 rated value — up to 500 V for current pack value n=30 rated value — up to 500 V for current pack value n=30 rated value — up to 500 V for current pack value n=30 rated value — tilmited to 1 s switching at zero current maximum — tilmited to 1 s switching at zero current maximum — tilmited to 1 s switching at zero current maximum — tilmited to 1 s switching at zero current maximum — tilmited to 1 s switching at zero current maximum — tilmited to 5 s switching at zero current maximum — tilmited to 5 s switch	— at 600 V rated value	0.2 A
at 230 V rated value at 400 V rated value at 900 V rated value 4 kW at 960 V rated value 4 kW at 960 V rated value 2 kW at 960 V rated value 2 kW at 900 V rated value 2 kW at 900 V rated value 4 kW at 960 V rated value 2 kW at 960 V rated value 20 rated value 2 kW 2	operating power	
	• at AC-3	
at 500 V rated value at 690 V rated value at 690 V rated value at 600 V rated value 20 rated	— at 230 V rated value	2.2 kW
■ at AC-3e ■ at AC-3e ■ at 230 V rated value — at 400 V rated value — at 400 V rated value — at 690 V rated value 2 kW — at 400 V rated value 2 kW — at 690 V for current peak value n=20 rated value □ up to 400 V for current peak value n=20 rated value □ up to 500 V for current peak value n=20 rated value □ up to 500 V for current peak value n=20 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 400 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ up to 500 V for current peak value n=30 rated value □ to 10 S witching at zero current maximum □ limited to 5 s switching at zero current maximum □ limited to 5 s switching at zero current maximum □ limited to 5 s switching at zero current maximum □ limited to 5 s switching at zero current maximum □ limited to 5 s switching at zero current maximum □ limited to 5	— at 400 V rated value	4 kW
at AC-3e at 230 V rated value at 40 V rated value at 690 V rated value by 690 V rated value at 690 V rated value cat 690 V rated value extra 690 V rated value cat 690 V rated value extra 690 V roc current peak value n=20 rated value extra 690 V for current peak value n=20 rated value extra 690 V for current peak value n=20 rated value extra 690 V for current peak value n=30 rated value extra 690 V for current for	— at 500 V rated value	4 kW
	— at 690 V rated value	5.5 kW
- at 400 V rated value - at 500 V rated value - at 690 V rated value 5 kW operating power for approx. 200000 operating cycles at AC- 4 at 400 V rated value 2 kW 2 to 46 kW 2 to W operating apparent power at AC-6a up to 230 V for current peak value n=20 rated value up to 400 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 600 V for current peak value n=20 rated value up to 600 V for current peak value n=20 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current peak value n=30 rated value up to 630 V for current to 60 V for current in cold operating state up to up to 630 V for current in cold operating state up to up to 630 V for current in cold operating state up to up to 630 V for current in cold operating state up to up to 630 V for current in cold operating state up to up to 630 V for current in cold operating state up to up to 630 V for current in cold operating state up to up to 630 V for current in cold operating state up to up to 630 V for current in cold operating state up to up to 630 V for current to 630 V	• at AC-3e	
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- at 500 V rated value — at 690 V rated value 5 kW operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value 2 kW • at 690 V rated value 2.5 kW operating apparent power at AC-8 • up to 230 V for current peak value n=20 rated value 4.6 kVA • up to 500 V for current peak value n=20 rated value 4.6 kVA • up to 500 V for current peak value n=20 rated value 4.6 kVA • up to 500 V for current peak value n=20 rated value 5.9 kVA operating apparent power at AC-8 • up to 230 V for current peak value n=20 rated value 4.8 kVA • up to 500 V for current peak value n=30 rated value 4.8 kVA • up to 500 V for current peak value n=30 rated value 4.8 kVA • up to 500 V for current peak value n=30 rated value 4.8 kVA • up to 500 V for current peak value n=30 rated value 4.8 kVA • up to 500 V for current peak value n=30 rated value 4.8 kVA • up to 500 V for current peak value n=30 rated value 4.8 kVA • up to 500 V for current peak value n=30 rated value 5.0 kVA • up to 500 V for current peak value n=30 rated value 4.8 kVA • up to 500 V for current peak value n=30 rated value 5.0 kVA • up to 500 V for current peak value n=30 rated value 5.0 kVA • up to 500 V for current peak value n=30 rated value 5.0 kVA • up to 500 V for current peak value n=30 rated value 5.0 kVA • up to 500 V for current peak value n=30 rated value 5.0 kVA • up to 500 V for current peak value n=30 rated value 5.0 kVA • up to 500 V for current maximum 6.1 kVA • limited to 10 s switching at zero current maximum 6.1 kVA • limited to 10 s switching at zero current maximum 6.2 kVA • up to 500 V for current peak value 7.0 kVA • at AC-3 maximum 7.50 tVh • at AC-4 maximum		
operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 690 V rated value • up to 230 V for current peak value n=20 rated value • up to 400 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 500 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 switching frequency • at DC operating frequency • at DC 10 000 1/h • at AC-3 maximum		
operating power for approx. 200000 operating cycles at AC-4 * at 4400 V rated value * at 690 V rated value * operating apparent power at AC-8a * up to 230 V for current peak value n=20 rated value * up to 400 V for current peak value n=20 rated value * up to 590 V for current peak value n=20 rated value * up to 590 V for current peak value n=20 rated value * up to 590 V for current peak value n=30 rated value * up to 230 V for current peak value n=30 rated value * up to 230 V for current peak value n=30 rated value * up to 230 V for current peak value n=30 rated value * up to 250 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * up to 590 V for current peak value n=30 rated value * ilmited to 10 s switching at zero current maximum * ilmited to 10 s switching at zero current maximum * ilmited to 50 s switching at zero current maximum * ilmited to 60 s switching at zero current maximum * ilmited to 60 s switching at zero current maximum * ilmited to 60 s switching at zero current maximum * ilmited to 60 s switching at zero current maximum * ilmited to 60 s switching at zero current maximum * ilmited to 60 s switching at zero current maximum * ilmited to 60 s switching at zero current maximum * ilmited to 60 switching at zero current maximum * ilmited to 60 switching at zero current maximum * ilmited to 60 switching at zero current maximum * ilmited to 60 switching at zero current maximum * ilmited to 60 switching at zero current maximu		
at 400 V rated value at 690 V rated value 2 kW at 690 V rated value 2 kW operating apparent power at AC-6a up to 230 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value up to 500 V for current peak value n=30 rated value up to 400 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value limited to 1 s switching at zero current maximum limited to 5 s switching at zero current maximum limited to 5 s switching at zero current maximum limited to 5 s switching at zero current maximum limited to 80 s switching at zero current maximum limited to 80 s switching at zero current maximum limited to 80 s switching at zero current maximum limited to 80 s switching at zero current maximum limited to 80 s switching at zero current maximum limited to 80 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to		
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operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=30 rated value • up to 230 V for current peak value n=30 rated value • up to 230 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited	• at 400 V rated value	2 kW
• up to 230 V for current peak value n=20 rated value • up to 400 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 230 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • at DC • at DC 10 000 1/h • at AC-1 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum • at AC-3 maximum • at AC-3 maximum • at AC-4 maximum • at A	at 690 V rated value	2.5 kW
up to 400 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 690 V for current peak value n=30 rated value up to 230 V for current peak value n=30 rated value up to 400 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value sup to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value short-time withstand current in cold operating state up to up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690	operating apparent power at AC-6a	
up to 400 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 690 V for current peak value n=30 rated value up to 230 V for current peak value n=30 rated value up to 400 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value sup to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value short-time withstand current in cold operating state up to up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690	• up to 230 V for current peak value n=20 rated value	2 kVA
• up to 690 V for current peak value n=20 rated value operating apparent power at AC-6a • up to 230 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • with the form of the form o		3.6 kVA
operating apparent power at AC-6a • up to 230 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum no-load switching frequency • at DC 10 000 1/h operating frequency • at AC-3 maximum • at AC-3 maximum 250 1/h • at AC-3 maximum 750 1/h • at AC-3 maximum 250 1/h Control circuit/ Control type of voltage of the control supply voltage orated value operating range factor control supply voltage rated value of magnet coil at DC • rated value • full-scale value 0 .85 • full-scale value	• up to 500 V for current peak value n=20 rated value	4.6 kVA
operating apparent power at AC-6a • up to 230 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum no-load switching frequency • at DC 10 000 1/h operating frequency • at AC-3 maximum • at AC-3 maximum 250 1/h • at AC-3 maximum 750 1/h • at AC-3 maximum 250 1/h Control circuit/ Control type of voltage of the control supply voltage orated value operating range factor control supply voltage rated value of magnet coil at DC • rated value • full-scale value 0 .85 • full-scale value	 up to 690 V for current peak value n=20 rated value 	5.9 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 up to 690 V for current peak value n=30 rated value 4 kVA short-time withstand current in cold operating state up to 40 °C limited to 1 s switching at zero current maximum limited to 5 s switching at zero current maximum limited to 5 s switching at zero current maximum limited to 50 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum slimited to 60 s switching at zero curren	operating apparent power at AC-6a	
up to 400 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value 4 kVA short-time withstand current in cold operating state up to 40 °C limited to 1 s switching at zero current maximum limited to 5 s switching at zero current maximum limited to 5 s switching at zero current maximum limited to 50 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum slimited to 60 s switching at zero curren	up to 230 V for current peak value n=30 rated value	1.3 kVA
up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value short-time withstand current in cold operating state up to 40 °C ilmited to 1 s switching at zero current maximum limited to 5 s switching at zero current maximum limited to 30 s switching at zero current maximum limited to 30 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum slimited to 60 s switching at zero current maximum		2.4 kVA
• up to 690 V for current peak value n=30 rated value short-time withstand current in cold operating state up to 40 °C • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 80 s switching at zero current maximum • limited to 80 s switching at zero current maximum • limited to 80 s switching at zero current maximum • limited to 80 s switching at zero current maximum no-load switching frequency • at DC 10 000 1/h operating frequency • at AC-1 maximum 1 000 1/h • at AC-3 maximum 550 1/h • at AC-3 maximum 750 1/h • at AC-3 maximum 750 1/h • at AC-4 maximum 250 1/h Control circuit/ Control type of voltage of the control supply voltage oranged coil at DC • rated value • limited to 10 s switching at zero current maximum 66 A; Use minimum cross-section acc. to AC-1 rated value 66 A; Use minimum cross-section acc. to AC-1 rated value 10 000 1/h		3.1 kVA
short-time withstand current in cold operating state up to 40 °C • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching frequency • at DC • at AC-1 maximum • at AC-2 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum • at AC-3 e maximum • at AC-4 maximum • at AC-5 maximum • at AC-5 maximum • at AC-6 maximum • at AC-7 maximum • at AC-1 rated value • at		4 kVA
155 A; Use minimum cross-section acc. to AC-1 rated value		
Ilimited to 5 s switching at zero current maximum Ilinited to 10 s switching at zero current maximum Ilinited to 10 s switching at zero current maximum Ilinited to 30 s switching at zero current maximum Ilinited to 60 systems accion AC-1 rated value Ilinited to 60 systems accion AC-1 rated value Ilinited to		
 Ilimited to 10 s switching at zero current maximum Ilimited to 30 s switching at zero current maximum Ilimited to 60 s switching at zero current maximum Ilimited to 60 s switching at zero current maximum Ino-load switching frequency In 000 1/h <l< td=""><td> limited to 1 s switching at zero current maximum </td><td>155 A; Use minimum cross-section acc. to AC-1 rated value</td></l<>	 limited to 1 s switching at zero current maximum 	155 A; Use minimum cross-section acc. to AC-1 rated value
Imitial to 30 s switching at zero current maximum Imitial to 60 s switching at zero current maximum Imitial to 60 s switching at zero current maximum Imitial to 60 s switching at zero current maximum Imitial to 60 s switching at zero current maximum Imitial to 60 s switching at zero current maximum Imitial to 60 s switching at zero current maximum Imitial value I	 limited to 5 s switching at zero current maximum 	111 A; Use minimum cross-section acc. to AC-1 rated value
Imitited to 60 s switching at zero current maximum In oload switching frequency In oloo 1/h In oloo 1/h In oloo 1/h In old AC-1 maximum In oloo 1/h In ol	 limited to 10 s switching at zero current maximum 	86 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency • at DC operating frequency • at AC-1 maximum • at AC-2 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum • at AC-3 maximum • at AC-4 maximum • at AC-4 maximum • at AC-4 maximum control circuit/ Control type of voltage of the control supply voltage type of voltage at DC • rated value • rated value • rated value • initial value • full-scale value 10 000 1/h 10 000	 limited to 30 s switching at zero current maximum 	66 A; Use minimum cross-section acc. to AC-1 rated value
at DC operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-4 maximum at AC-4 maximum at AC-4 maximum at AC-4 maximum becomes at AC-3 maximum becomes at AC-4 max	 limited to 60 s switching at zero current maximum 	55 A; Use minimum cross-section acc. to AC-1 rated value
operating frequency • at AC-1 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum • at AC-3 maximum • at AC-4 maximum • at AC-4 maximum • at AC-4 maximum Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC • rated value • rated value operating range factor control supply voltage rated value of magnet coil at DC • initial value • full-scale value 1.85	no-load switching frequency	
at AC-2 maximum at AC-2 maximum at AC-3 maximum at AC-4 maximum 750 1/h at AC-4 maximum 250 1/h Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC arated value perating range factor control supply voltage rated value of magnet coil at DC a initial value at AC-2 maximum 750 1/h DC Control circuit/ Control type of voltage of the control supply voltage DC 0 ontrol supply voltage at DC at V 0 operating range factor control supply voltage rated value of magnet coil at DC at initial value at AC-3 maximum 750 1/h 250 1/h Control circuit/ Control type of voltage of the control supply voltage DC 0 ontrol supply voltage at DC 1 ontrol supply voltage at DC 24 V	• at DC	10 000 1/h
 at AC-2 maximum at AC-3 maximum at AC-3e maximum at AC-4 maximum at AC-4 maximum 250 1/h Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value orated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value 0.85 full-scale value 1.85	operating frequency	
 at AC-3 maximum at AC-3e maximum at AC-4 maximum 250 1/h Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value 0.85 full-scale value 1.85	• at AC-1 maximum	1 000 1/h
 at AC-3e maximum at AC-4 maximum 250 1/h Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value 0.85 full-scale value 1.85	• at AC-2 maximum	750 1/h
■ at AC-4 maximum Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC ■ rated value operating range factor control supply voltage rated value of magnet coil at DC ● initial value ● full-scale value 1.85	• at AC-3 maximum	750 1/h
■ at AC-4 maximum Control circuit/ Control type of voltage of the control supply voltage control supply voltage at DC ■ rated value operating range factor control supply voltage rated value of magnet coil at DC ● initial value ● full-scale value 1.85	• at AC-3e maximum	750 1/h
type of voltage of the control supply voltage control supply voltage at DC • rated value operating range factor control supply voltage rated value of magnet coil at DC • initial value • full-scale value DC 24 V 0.85	• at AC-4 maximum	250 1/h
type of voltage of the control supply voltage control supply voltage at DC • rated value operating range factor control supply voltage rated value of magnet coil at DC • initial value • full-scale value DC 24 V 0.85	Control circuit/ Control	
control supply voltage at DC		DC
rated value operating range factor control supply voltage rated value of magnet coil at DC initial value full-scale value 1.85		
operating range factor control supply voltage rated value of magnet coil at DC • initial value • full-scale value 1.85		24 V
 initial value full-scale value 1.85 	operating range factor control supply voltage rated value of	
• full-scale value 1.85	_	0.85
holding power of magnet coil at DC 1.6 W		
closing delay		

at DC	25 420 ***
• at DC	25 120 ms
opening delay	5 00
• at DC	5 20 ms
arcing time	10 15 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	1
number of NC contacts for auxiliary contacts instantaneous contact	'
operational current at AC-12 maximum	10 A
operational current at AC-15	
at 230 V rated value	10 A
• at 400 V rated value	3 A
at 500 V rated value	2 A
at 690 V rated value	1 A
operational current at DC-12	
• at 24 V rated value	10 A
at 48 V rated value	6 A
• at 60 V rated value	6 A
• at 110 V rated value	3 A
• at 125 V rated value	2 A
• at 220 V rated value	1 A
• at 600 V rated value	0.15 A
operational current at DC-13	
at 24 V rated value	10 A
 at 48 V rated value 	2 A
 at 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)
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
full-load current (FLA) for 3-phase AC motor • at 480 V rated value	7.6 A
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value	7.6 A 9 A
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp]	
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor	9 A
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value	9 A 0.33 hp
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value	9 A
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor	9 A 0.33 hp 1 hp
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value	9 A 0.33 hp 1 hp 2 hp
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value	9 A 0.33 hp 1 hp 2 hp 3 hp
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp 7.5 hp
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value contact rating of auxiliary contacts according to UL	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp 7.5 hp
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp 7.5 hp
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp 7.5 hp A600 / Q600
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp 7.5 hp A600 / Q600 gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value contact rating of auxiliary contacts according to UL 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	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp 7.5 hp A600 / Q600 gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp 7.5 hp A600 / Q600 gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA)
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp 7.5 hp A600 / Q600 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)
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp 7.5 hp A600 / Q600 gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)
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full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of assignment 2 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method • side-by-side mounting height width depth	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp 7.5 hp A600 / Q600 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) +/-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 Yes 70 mm
full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method • side-by-side mounting height width	9 A 0.33 hp 1 hp 2 hp 3 hp 5 hp 7.5 hp A600 / Q600 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) +/-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 Yes 70 mm 45 mm

— 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	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
suitability for use	
safety-related switching OFF	Yes
Certificates/ approvals	
General Product Approval	



Confirmation





<u>KC</u>



Functional
Safety/Safety of Machinery

Declaration of Conformity

Test Certificates



Type Examination Certificate





Special Test Certificate

Type Test Certificates/Test Report

Marine / Shipping













Marine / Shipping

other

Railway

Dangerous Good

Environment



Confirmation



Vibration and Shock

Transport Information

Environmental Confirmations

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 Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2016-2MB42-0KT0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2016-2MB42-0KT0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-2MB42-0KT0

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

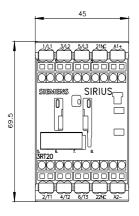
 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2016-2MB42-0KT0\&lang=en}$

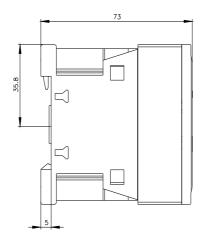
Characteristic: Tripping characteristics, I²t, Let-through current

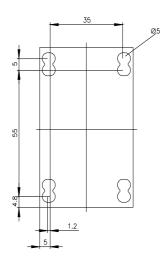
https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-2MB42-0KT0/char

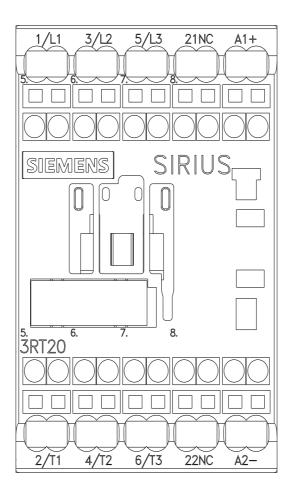
Further characteristics (e.g. electrical endurance, switching frequency)

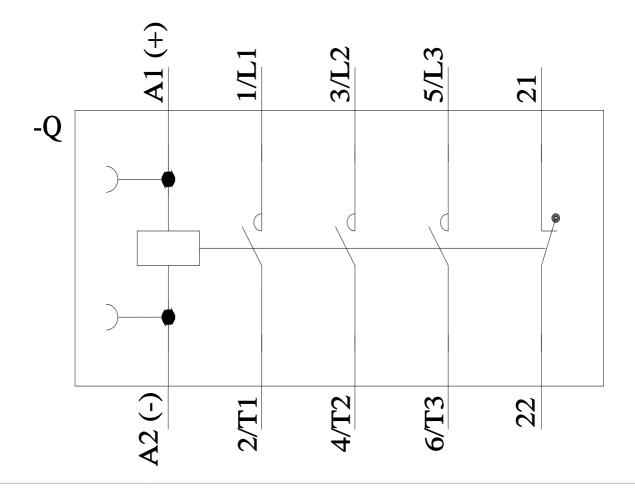
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2016-2MB42-0KT0&objecttype=14&gridview=view1











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