## **SIEMENS**

Data sheet 3RT2016-1AB02



power contactor, AC-3e/AC-3, 9 A, 4 kW / 400 V, 3-pole, 24 V AC, 50/60 Hz, auxiliary contacts: 1 NC, screw terminal, size: S00

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S00
product extension	
<ul> <li>function module for communication</li> </ul>	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
at AC in hot operating state	0.9 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	0.3 W
<ul> <li>without load current share typical</li> </ul>	1.1 W
type of calculation of power loss depending on pole	quadratic
insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
of auxiliary circuit with degree of pollution 3 rated value	690 V
surge voltage resistance	
<ul> <li>of main circuit rated value</li> </ul>	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 AC	6,7g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at AC	10,5g / 5 ms, 6,6g / 10 ms
mechanical service life (operating cycles)	
of contactor typical	30 000 000
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000
of the contactor with added auxiliary switch block typical	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
during operation	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %
Environmental footprint	

Environmental Product Declaration(EPD)	Yes
Global Warming Potential [CO2 eq] total	39.6 kg
Global Warming Potential [CO2 eq] total  Global Warming Potential [CO2 eq] during manufacturing	1.18 kg
Global Warming Potential [CO2 eq] during manufacturing  Global Warming Potential [CO2 eq] during operation	38.5 kg
Global Warming Potential [CO2 eq] after end of life	-0.155 kg
Main circuit	0.100 kg
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	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated value</li> </ul>	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	9 A
— at 400 V rated value	7.7 A
— at 500 V rated value — 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
<ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul>	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 value	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
operational current	
• at 1 current path at DC-1	20.4
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value — at 220 V rated value	2.1 A 0.8 A
— at 440 V rated value	0.6 A
— at 440 V rated value  — at 600 V rated value	0.6 A
with 2 current paths in series at DC-1	0.071
— at 24 V rated value	20 A
— at 60 V rated value	20 A
— at 110 V rated value	12 A
— at 220 V rated value	1.6 A
— at 440 V rated value	0.8 A
— at 600 V rated value	0.7 A
• with 3 current paths in series at DC-1	
<u> </u>	

	at 24 V rated value	20 A
	— at 24 V rated value	
• at 1 current path at DC-3 at DC-5  — at 24 V rated value — at 610		
		1 A
	-	
with 2 current paths in series at DC-3 at DC-5	— at 24 V rated value	
- with 2 current paths in series at DC-3 at DC-5 at 24 V rated value 5 A at 10 V rated value 5 A at 110 V rated value 20 A at 110 V rated value 20 A at 22 V rated value 20 A at 24 V rated value 20 A at 26 V rated value 20 A at 27 V rated value 20 A at 28 V rated value 20 A at 40 V rated value 20 A at 28 V rated value 40 A at 28 V rated value 40 A at 28 V rated value 41 A at 40 V rated value 5 S RW at 400 V rated value 5 S RW at 400 V rated value 5 S RW at 280 V rated value 5 S RW at 400 V rated value 4 RW at 680 V rated value 4 RW at 680 V rated value 5 S RW at 400 V rated value 4 RW at 680 V rated value 4 RW at 680 V rated value 5 S RW at 400 V rated value 4 RW at 680 V rated value 4 RW at 680 V rated value 5 S RW at 400 V rated value 4 RW at 680 V rated value 5 S RW at 400 V rated value 4 RW at 680 V rated value 5 S RW at 400 V rated value 5 S RW at 400 V rated value 6 RW at 680 V rated value 7 RW at 680 V rated value	— at 60 V rated value	0.5 A
al 24 V rated value at 110 V rated value at 20 A at 80 V rated value at 220 V rated value at 220 V rated value at 40 V rated value at 40 V rated value at 800 V rated value at 900 V for current peak value n=20 rated value at 900 V rated value at 900 V for current peak value n=80 rated value at 900 V for current peak value n=80 rated value at 900 V for current peak value n=80 rated value at 900 V for current peak value n=80 rated value at 900 V for 900	— at 110 V rated value	0.15 A
	<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
■ at 110 V rated value     ■ with 3 current paths in series at DC-3 at DC-5     ■ at 24 V rated value     ■ at 60 V rated value     ■ at 10 V rated value     ■ at 220 V rated value     ■ at 220 V rated value     ■ at 440 V rated value     ■ at 440 V rated value     ■ at 440 V rated value     ■ at 400 V rated value     ■ at 600 V rated value     ■ at 230 V rated value     ■ at 230 V rated value     ■ at 230 V rated value     ■ at 900 V rated value     ■ at 230 V rated value     ■ at 400 V rated value     ■ at 900 V rated value     ■ at 900 V rated value     ■ at 900 V rated value     ■ at 400 V rated value     ■ at 900 V rated value     ■ at 400 V rated value     ■ at 900 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 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     ■ at 900 v for 000 v for 00	— 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
	<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
	— at 24 V rated value	20 A
at 220 V rated value	— at 60 V rated value	20 A
	— at 110 V rated value	20 A
Departing power   Fig. 2   Department   De	— at 220 V rated value	1.5 A
at AC-3	— at 440 V rated value	0.2 A
at 230 V rated value     at 400 V rated value     at 1500 V rated value     at 250 V rated value     at 250 V rated value     at 260 V rated value     at 260 V rated value     at 270 V rated value n=20 rated value     at 270 V rated value n=20 rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=30 v rated value     au 170 V rated value n=3	— at 600 V rated value	0.2 A
- at 230 V rated value	operating power	
at 400 V rated value	• at AC-3	
- at 500 V rated value	— at 230 V rated value	2.2 kW
- at 890 V rated value  • at AC-3e  — at 230 V rated value — at 400 V rated value — at 500 V rated value — at 690 V rated value  • at 400 V rated value • at 690 V rated value • 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 400 V for current peak value n=20 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 600 V for current peak value n=30 rated value • up to 600 V for current peak value n=30 rated value • up to 600 V for current peak value n=30 rated value • up to 600 V for current peak value n=30 ra	— at 400 V rated value	4 kW
at AC-3e — at 230 V rated value — at 400 V rated value — at 500 V rated value — at 690 V rated value — 2 kW  at 690 V rated value — 20 rated value — 4 kVA  aup to 200 V for current peak value n=20 rated value — 4 k6 kVA — 4 up to 500 V for current peak value n=20 rated value — 5 k0 kVA  operating apparent power at AC-6a — 4 up to 230 V for current peak value n=30 rated value — 4 k0 V for current peak value n=30 rated value — 4 kVA  operating apparent power at AC-6a — 4 up to 500 V for current peak value n=30 rated value — 5 k0 k0 V for current peak value n=30 rated value — 6 k0 V for current peak value n=30 rated value — 1 k0 k0 V for current peak value n=30 rated value — 1 k0 V for current peak value n=30 rated value — 1 k0 V for current peak value n=30 rated value — 1 k0 K0 V for current peak value n=30 rated value — 1 k0 K0 V for current peak value n=30 rated value — 1 k0 K0 V for current peak value n=30 rated value — 1 k0 K0 V for current peak value n=30 rated value — 1 k0 K0 V for current peak value n=30 rated value — 1 k0 K0 V for current peak value n=30 rated value — 1 k0 K0 V for current peak value n=30 rated value — 1 k0 K0 V for current peak value n=30 rated value — 1 k0 V for current peak value n=30 rated value — 1 k0 V for current peak value n=30 rated value — 1 k0 V for current peak value n=30 rated value — 1 k0 V for current peak value n=30 rated value — 1 k0 V for current peak value n=30 rated value — 1 k0 V for current peak value n=30 rated value — 1 k0 V for current peak value n=30 rated value — 1 k0 V for current peak value n=30 rated value — 1 k0 V for current peak value n=30 rated value — 1 k0	— at 500 V rated value	4 kW
- at 230 V rated value - at 400 V rated value - at 500 V rated value - at 690 V for current peak value n=20 rated value - at 690 V for current peak value n=20 rated value - at 690 V for current peak value n=20 rated value - at 690 V for current peak value n=20 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current peak value n=30 rated value - at 690 V for current for current maximum - at 690 V for current for current maximum - at 690 V for current for current for	— at 690 V rated value	5.5 kW
- at 400 V rated value - at 500 V rated value - at 690 V rated value - 2 kW - at 690 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 690 V for current peak value n=20 rated value - up to 500 V for current peak value n=30 rated value - up	• at AC-3e	
- at 400 V rated value - at 500 V rated value - at 690 V rated value - 2 kW - at 690 V rated value - 2.5 kW  operating apparent power at AC-6a - up to 230 V for current peak value n=20 rated value - 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 690 V for current peak value n=30 rated value - up to 500 V for curr		2.2 kW
- at 500 V rated value - at 690 V rated value 5.5 kW  operating power for approx. 200000 operating cycles at AC-4  • at 400 V rated value • at 690 V rated value • 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 690 V for current peak value n=20 rated value • up to 690 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 500 V for current peak value n=30 rated value • up to 690 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 • limited to 1 s switching at zero current maximum • limited to 1 s switching at zero current maximum • limited to 1 s switching at zero current maximum • limited to 10 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		
operating power for approx. 200000 operating cycles at AC-4  • at 400 V rated value • at 690 V rated value • at 690 V roc current peak value n=20 rated value • 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 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 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 • limited to 1 s switching at zero current maximum • limited to 1 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 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 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 curren		
at 400 V rated value 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 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 690 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value perating 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 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 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 limited to 60 s switching at zero current maximum shipping frequency at AC-1 maximum 1000 1/h  operating frequency at AC-2 maximum 1000 1/h		
at 690 V rated value  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 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  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 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  4 kVA  short-time withstand current in cold operating state up to  4 kVA  short-time withstand current maximum  limited to 1 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  limited to 60 s switching at zero current maximum  4 ki Use minimum cross-section acc. to AC-1 rated value  limited to 60 s switching at zero current maximum  10 000 1/h  operating frequency  at AC-1 maximum  10 000 1/h  at AC-2 maximum  750 1/h  at AC-3 maximum  750 1/h		
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 690 V for current peak value n=20 rated value • up to 690 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 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 • 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 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 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 ma	• 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     operating apparent power at AC-6     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     up to 690 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     elimited to 1 s switching at zero current maximum     elimited to 5 s switching at zero current maximum     elimited to 10 s switching at zero current maximum     elimited to 30 s switching at zero current maximum     elimited to 60 s switching at zero current maximum     elimited to 60 s switching at zero current maximum     for A; Use minimum cross-section acc. to AC-1 rated value     elimited to 60 s switching at zero current maximum     for A; Use minimum cross-section acc. to AC-1 rated value     for A; Use minimum cross-section acc. to AC-1 rated value     for A; Use minimum cross-section acc. to AC-1 rated value     for A; Use minimum cross-section acc. to AC-1 rated value     for A; Use minimum cross-section acc. to AC-1 rated value     for A; Use minimum cross-section acc. to AC-1 rated value     for A; Use minimum cross-section acc. to AC-1 rated value     for A; Use minimum cross-section acc. to AC-1 rated value     for A; Use minimum cross-section acc. to AC-1 rated value     for A; Use minimum cross-section acc. to AC-1 rated value     for AC-1 rated value	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=20 rated value 5.9 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 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 short-time withstand current in cold operating state up to 40 °C  ilmited to 1 s switching at zero current maximum ilmited to 5 s switching at zero current maximum ilmited to 10 s switching at zero current maximum ilmited to 30 s switching at zero current maximum ilmited to 60 s swit	operating apparent power at AC-6a	
• 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 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     • limited to 1 s switching at zero current maximum     • limited to 1 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 60 s switching at zero current maximum     • l	• 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 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     • 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 30 s switching at zero current maximum     • limited to 60 s switching at z	• up to 400 V for current peak value n=20 rated value	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 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 30 s switching at zero current maximum  • limited to 60 s switching at	• up to 500 V for current peak value n=20 rated value	4.6 kVA
<ul> <li>up to 230 V for current peak value n=30 rated value</li> <li>up to 400 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>4 kVA</li> <li>short-time withstand current in cold operating state up to 40 °C</li> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum<td></td><td>5.9 kVA</td></li></ul>		5.9 kVA
<ul> <li>up to 230 V for current peak value n=30 rated value</li> <li>up to 400 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>4 kVA</li> <li>short-time withstand current in cold operating state up to 40 °C</li> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>lo00 1/h</li> <li>operating frequency</li> <li>at AC</li> <li>10 000 1/h</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>at AC-3 maximum</li> <li>at AC-3 maximum</li> <li>750 1/h</li> </ul>		
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     short-time withstand current in cold operating state up to 40 °C      elimited to 1 s switching at zero current maximum     elimited to 5 s switching at zero current maximum     elimited to 10 s switching at zero current maximum     elimited to 30 s switching at zero current maximum     elimited to 30 s switching at zero current maximum     elimited to 60 s switching at zero current maximum     fof A; Use minimum cross-section acc. to AC-1 rated value     elimited to 60 s switching at zero current maximum     fof A; Use minimum cross-section acc. to AC-1 rated value     for AC-2 rated value     for AC-3 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      ilimited to 1 s switching at zero current maximum     ilimited to 5 s switching at zero current maximum     ilimited to 10 s switching at zero current maximum     ilimited to 30 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     ilimited to 60 s switching at zero current maximum     ilimited to 60 s switching at zero current maximum      ino-load switching frequency     at AC	·	
• 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 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 factor current maximum  • limited to 60 s switching frequency  • at AC  10 000 1/h   operating frequency  • at AC-1 maximum  1 000 1/h  • at AC-2 maximum  750 1/h  • at AC-3 maximum  750 1/h		
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 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  55 A; Use minimum cross-section acc. to AC-1 rated value  75 A; Use minimum cross-section acc. to AC-1 rated value  10 000 1/h		
<ul> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>st AC</li> <li>10 000 1/h</li> </ul> Operating frequency <ul> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>750 1/h</li> <li>750 1/h</li> </ul>	short-time withstand current in cold operating state up to	
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>To 4 current maximum</li> <li>A; Use minimum cross-section acc. to AC-1 rated value</li> <li>A; Use minimum cross-section acc. to AC-1 rated value</li> <li>AC-1 rated value<td></td><td>155 A: Use minimum cross-section acc. to AC-1 rated value</td></li></ul>		155 A: Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>no-load switching frequency</li> <li>at AC</li> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> </ul>		
<ul> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>155 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>no-load switching frequency</li> <li>at AC</li> <li>10 000 1/h</li> <li>operating frequency</li> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>at AC-3 maximum</li> <li>750 1/h</li> <li>750 1/h</li> </ul>		
<ul> <li>limited to 60 s switching at zero current maximum</li> <li>no-load switching frequency</li> <li>at AC</li> <li>10 000 1/h</li> <li>operating frequency</li> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>at AC-3 maximum</li> <li>750 1/h</li> <li>750 1/h</li> </ul>	-	
no-load switching frequency          • at AC        10 000 1/h          operating frequency          • at AC-1 maximum        1 000 1/h          • at AC-2 maximum       750 1/h          • at AC-3 maximum       750 1/h	-	
<ul> <li>at AC</li> <li>operating frequency</li> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>at AC-3 maximum</li> <li>750 1/h</li> </ul>	<u> </u>	OUT, OSC HIIIIIII GIOSS-SCOTION ACC. TO MO-1 FARCU VAIUE
operating frequency         ● at AC-1 maximum       1 000 1/h         ● at AC-2 maximum       750 1/h         ● at AC-3 maximum       750 1/h		10 000 1/h
<ul> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>750 1/h</li> <li>750 1/h</li> </ul>		10 000 1/11
<ul> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>750 1/h</li> <li>750 1/h</li> </ul>		1,000,1/b
• at AC-3 maximum 750 1/h		
• at AC-3e maximum 750 1/h		
• at AC-4 maximum 250 1/h	at AC-4 maximum	200 1/11

Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
at 50 Hz rated value	24 V
at 60 Hz rated value	24 V
operating range factor control supply voltage rated value of	
magnet coil at AC	
● at 50 Hz	0.8 1.1
● at 60 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	
at 50 Hz	27 VA
● at 60 Hz	24.3 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.8
• at 60 Hz	0.75
apparent holding power of magnet coil at AC	
• at 50 Hz	4.2 VA
• at 60 Hz	3.3 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.25
• at 60 Hz	0.25
closing delay	
• at AC	9 35 ms
opening delay	4. 45
• at AC	4 15 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	1.4
• 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	
• at 480 V rated value	7.6 A
at 600 V rated value	9 A
yielded mechanical performance [hp]	
• for single-phase AC motor	0.001
— at 110/120 V rated value	0.33 hp
— at 230 V rated value	1 hp

— with type of assignment 2 required gG: 20  • for short-circuit protection of the auxiliary switch required gG: 10  Installation/ mounting/ dimensions  mounting position +/-180 backwa	A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) A (500 V, 1 kA)  ° rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5° on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
- at 220/230 V rated value 5 hp - at 460/480 V rated value 7.5 hp - at 575/600 V rated value 7.5 hp  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 gG: 20  • for short-circuit protection of the auxiliary switch required gG: 10  Installation/ mounting/ dimensions  mounting position	A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) A (500 V, 1 kA)  ° rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5° on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
- at 460/480 V rated value 5 hp - at 575/600 V rated value 7.5 hp  contact rating of auxiliary contacts according to UL A600 /  Short-circuit protection  design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required gG: 35  — with type of assignment 2 required gG: 20  • for short-circuit protection of the auxiliary switch required gG: 10  Installation/ mounting/ dimensions  mounting position +/-180 backwar  fastening method screw and the sight 58 mm  width 45 mm  depth 73 mm  required spacing  • with side-by-side mounting  — forwards 10 mm	A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) A (500 V, 1 kA)  ° rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5° on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
- at 575/600 V rated value  contact rating of auxiliary contacts according to UL  A600 /  Short-circuit protection  design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required  • for short-circuit protection of the auxiliary switch required  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  #/-180' backway  fastening method  screw and height  forwards  • with side-by-side mounting  — forwards  10 mm	A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) A (500 V, 1 kA)  ° rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5° on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
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 gG: 35  — with type of assignment 2 required gG: 20  • for short-circuit protection of the auxiliary switch required gG: 10  Installation/ mounting/ dimensions  mounting position +/-180' backway fastening method screw at the sight sight generally and the sight step in the sight generally and the sight generally a	A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) A (500 V, 1 kA)  ° rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5° on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
Short-circuit protection  design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required gG: 35  — with type of assignment 2 required gG: 20  • for short-circuit protection of the auxiliary switch required gG: 10  Installation/ mounting/ dimensions  mounting position +/-180* backway fastening method screw in height side to the standard protection of the auxiliary switch required spacing  • with side-by-side mounting  — forwards 10 mm	A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) A (500 V, 1 kA)  ° rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5° on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
design of the fuse link  • for short-circuit protection of the main circuit  — with type of coordination 1 required gG: 35  — with type of assignment 2 required gG: 20  • for short-circuit protection of the auxiliary switch required gG: 10  Installation/ mounting/ dimensions  mounting position +/-180* backware fastening method screw and the ight statement growth g	A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)  A (500 V, 1 kA)  * rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5* on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
for short-circuit protection of the main circuit         — with type of coordination 1 required	A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)  A (500 V, 1 kA)  * rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5* on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
— with type of coordination 1 required gG: 35 — with type of assignment 2 required gG: 20  • for short-circuit protection of the auxiliary switch required gG: 10  Installation/ mounting/ dimensions  mounting position +/-180' backway fastening method screw at the first term of the	A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)  A (500 V, 1 kA)  * rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5* on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
— with type of assignment 2 required  • for short-circuit protection of the auxiliary switch required  Installation/ mounting/ dimensions  mounting position  +/-180' backway fastening method  height  width  45 mm depth  required spacing  • with side-by-side mounting  — forwards  gG: 20  gG: 20	A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA)  A (500 V, 1 kA)  * rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5* on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
	A (500 V, 1 kA)  or rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5° on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
Installation/ mounting/ dimensions  mounting position +/-180' backware fastening method screw at height 58 mm width 45 mm depth 73 mm required spacing  • with side-by-side mounting — forwards 10 mm	° rotation possible on vertical mounting surface; can be tilted forward and ard by +/- 22.5° on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
mounting position +/-180° backway fastening method screw at the height 58 mm width 45 mm depth 73 mm required spacing  • with side-by-side mounting — forwards 10 mm	ard by +/- 22.5° on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
fastening method screw is height s58 mm width 45 mm depth required spacing  • with side-by-side mounting — forwards  backwa 58 mm required in the side	ard by +/- 22.5° on vertical mounting surface and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
height         58 mm           width         45 mm           depth         73 mm           required spacing	
height         58 mm           width         45 mm           depth         73 mm           required spacing	
width 45 mm depth 73 mm required spacing  • with side-by-side mounting — forwards 10 mm	
required spacing  • with side-by-side mounting  — forwards  10 mm	
<ul><li>with side-by-side mounting</li><li>forwards</li><li>10 mm</li></ul>	
<ul><li>with side-by-side mounting</li><li>forwards</li><li>10 mm</li></ul>	
— upwards 10 mm	
-p	
— 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	
	type terminals
•	type terminals
•	type terminals
	type terminals
type of connectable conductor cross-sections	
• for main contacts	
· ·	5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²
	5 1,5 mm²), 2x (0,75 2,5 mm²), 2x 4 mm²
	5 1.5 mm²), 2x (0.75 2.5 mm²)
	16), 2x (18 14), 2x 12
connectable conductor cross-section for main contacts	
• solid 0.5 4	
• stranded 0.5 4	
	2.5 mm²
connectable conductor cross-section for auxiliary contacts	4 mm²
• solid or stranded 0.5 4	
	2.5 mm <sup>2</sup>
type of connectable conductor cross-sections	
• for auxiliary contacts	1.5 mm²) 2v (0.75 2.5 mm²) 2v 4 mm²
	5 1.5 mm²), 2x (0.75 2.5 mm²), 2x 4 mm²
	5 1.5 mm²), 2x (0.75 2.5 mm²)
• for AWG cables for auxiliary contacts 2x (20  AWG number as coded connectable conductor cross	16), 2x (18 14), 2x 12
section	

• for main contacts	20 12
<ul> <li>for auxiliary contacts</li> </ul>	20 12
Safety related data	
product function	
<ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>	Yes
suitability for use safety-related switching OFF	Yes; applies only to contactor operating mechanism
proportion of dangerous failures	
<ul> <li>with low demand rate according to SN 31920</li> </ul>	40 %
<ul> <li>with high demand rate according to SN 31920</li> </ul>	73 %
B10 value with high demand rate according to SN 31920	1 000 000
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
IEC 61508	
T1 value	
<ul> <li>for proof test interval or service life according to IEC 61508</li> </ul>	20 a
Electrical Safety	
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
Approvals Certificates	

**General Product Approval** 









Confirmation



General Product Approval

EMV

**Functional Saftey** 

**Test Certificates** 

<u>KC</u>





Type Examination Certificate

Type Test Certificates/Test Report

Special Test Certificate

Marine / Shipping





**Miscellaneous** 









Marine / Shipping

other

Confirmation

Confirmation

Special Test Certificate

Railway



Environment

Environment

Environmental Confirmations

Further information

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=3RT2016-1AB02

## Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2016-1AB02

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

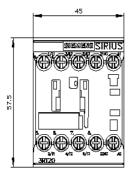
https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-1AB02

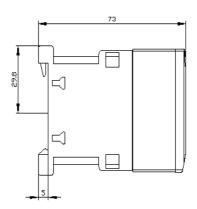
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2016-1AB02&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2016-1AB02&lang=en</a>

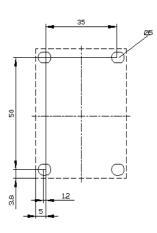
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2016-1AB02/char

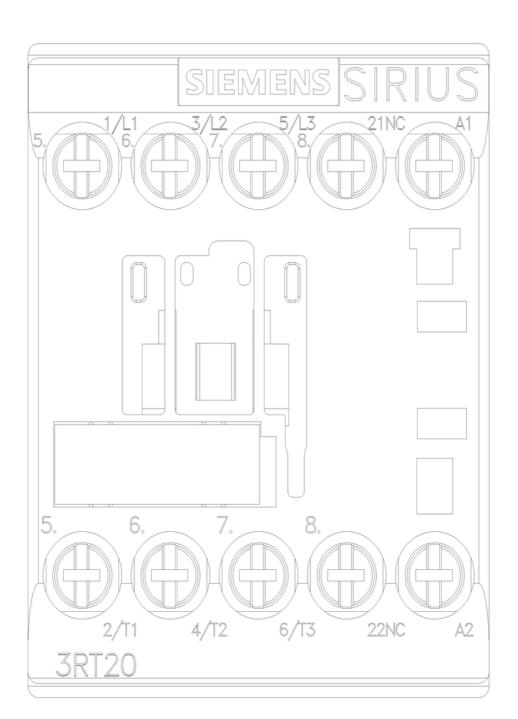
Further characteristics (e.g. electrical endurance, switching frequency)

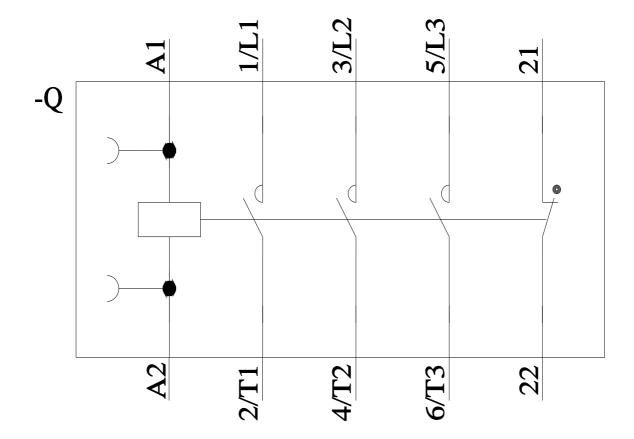
earch&mlfb=3RT2016-1AB02&objecttype=14&gridview=view1











last modified: 3/15/2024 🖸