# **SIEMENS**

Data sheet 3RT2026-2AH00



power contactor, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 48 V AC, 50 Hz, auxiliary contacts: 1 NO + 1 NC, spring-loaded terminal

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S0
product extension	
<ul> <li>function module for communication</li> </ul>	No
<ul><li>auxiliary switch</li></ul>	Yes
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	5.7 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	1.9 W
<ul> <li>without load current share typical</li> </ul>	9.8 W
insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	690 V
surge voltage resistance	
<ul> <li>of main circuit rated value</li> </ul>	6 kV
<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at AC	8,3g / 5 ms, 5,3g / 10 ms
shock resistance with sine pulse	
• at AC	13,5g / 5 ms, 8,3g / 10 ms
mechanical service life (operating cycles)	
<ul> <li>of contactor typical</li> </ul>	10 000 000
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	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	
<ul> <li>during operation</li> </ul>	-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 fails current circuit insumber of Wood potates for main current circuit insumber of Wood potates for main current operating vottage  at AC-3 rated value maximum  at AC-3 rated value maximum  by AC-1 at 400 V at ambient temperature 40 °C rated value  at AC-1 at 400 V at ambient temperature 40 °C rated value  at AC-3 at 600 V at ambient temperature 40 °C rated value  at AC-3 at 400 V rated value  at AC-3 at 900 V rated value  at AC-3 at 100 V roted value  at 100 V roted	when the standard from the sum of the site	
operating voltage	number of poles for main current circuit	3
e at AC-3 rated value maximum operational current at AC-1 at 400 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 60 °C rated value — up to 690 V at ambient temperature 60 °C rated value — up to 690 V at ambient temperature 60 °C rated value — at 500 V rated value — at AC-59 up to 400 V rated value — at AC-59 up to 400 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 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 — 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 — up to 500 V for current peak value — at 600 V rated v		3
at AC-3e rated value maximum     operational current     at AC-1 at 400 V at ambient temperature 40 °C     atal AC-1     — up to 690 V at ambient temperature 40 °C     atrated value     at AC-1     — up to 690 V at ambient temperature 60 °C     atrated value     — up to 890 V at ambient temperature 80 °C     at AC-3     — at 400 V rated value     — at 500 V rated value     — at 500 V rated value     — at 690 V rated value     — at AC-3 up to 690 V rated value     — at AC-5 up to 690 V rated value     38 2 A     at AC-5 up to 690 V rated value     38 2 A     at AC-5 up to 690 V rated value     — up to 400 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 600 V for current peak value n=20 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 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 500 V for current peak value n=30 rated     value     — up to 700 V for current peak value n=30 rated     value     — up to 700 V for current peak value n=30 rated     value     — up to 700 V for current peak value n=30 rated     value     — up to 700 V for current peak value n=30 rated     value     — up to 700 V for current peak value n=30 rated     value     — up to 700 V for current peak value n=30 rated     value     — up to 700 V for current peak value n=30 rated     value     — at 700 V rated value     —		000 \
at AC-1 at 4 0V at ambient temperature 40 °C rated value		
** at AC-1 at 400 V at ambient temperature 40 °C rated value		690 V
rated value — up to 690 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 60 °C rated value — at 400 V rated value — at 400 V rated value — at 500 V rated value — at 600 V rated value — at 600 V rated value — at 600 V rated value — at AC-5a up to 800 V rated value — at AC-5a up to 800 V rated value — 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=3	•	40.4
at AC-1     — up to 680 V at ambient temperature 40 °C     rated value     — up to 680 V at ambient temperature 60 °C     rated value     at AC-3     — at 400 V rated value     at 500 V rated value     at 600 V rated value     at AC-3 e up to 680 V rated value     at AC-4 at 400 V rated value     at AC-5 up to 400 V rated value     at AC-5 up to 680 V rated value     at AC-5 up to 400 V rated value     at AC-5 up to 690 V rated value     at AC-5 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 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     — up to 500 V for current peak value n=30 rated     value     value     value for the for approx for the for approx for the for approx for the for approx		40 A
— up to 880 V at ambient temperature 40 °C rated value — up to 880 V at ambient temperature 60 °C rated value  • at AC-3  — at 400 V rated value • at AC-3  — at 500 V rated value — at AC-5a up to 680 V rated value — at AC-5a up to 680 V frated value — up to 400 V frated 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 500		
rated value — up to 690 V at ambient temperature 60 °C rated value — at 400 V rated value — at 500 V rated value — at 600 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=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 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 — 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 curr		40 A
— up to 600 V at ambient temperature 60 °C rated value  • at AC-3  — at 400 V rated value — at 500 V rated value — at 600 V rated value — up to 400 V rated value — up to 400 V fact 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 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 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 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 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 value value — up to 600 V for value value — up to 600 V for value value value — up to 600 V for value va		40 A
rated value  at AOO V rated value  at 500 V rated value  at 600 V rated value  at 600 V rated value  at 500 V rated value  at 600 V rated value  at 600 V rated value  at AC-3a up to 680 V rated value  at AC-5a up to 400 V for current peak value n=20 rated value		35 A
	• at AC-3	
at 600 V rated value	— at 400 V rated value	25 A
at AG-3e     — at 400 V rated value     — at 500 V rated value     — at 690 V rated value     at AC-4 at 400 V rated value     at AC-5a up to 690 V rated value     at AC-5a up to 690 V rated value     — at 690 V rated value     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 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 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     — 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 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     va	— at 500 V rated value	18 A
	— at 690 V rated value	13 A
	• at AC-3e	
- at 890 V rated value  • at AC-5 au pto Varled value  • at AC-5 au pto 100 V rated value  • at AC-5 au pto 100 V rated value  • at AC-5 au pto 400 V rated value  • at AC-6 au pto 230 V for 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 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 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  - at 400 V rated value  - at 600 V rated value  - at 24 V rated value  - at 60 V ra	— at 400 V rated value	25 A
at AC-4 at 400 V rated value     at AC-5s up to 890 V rated value     at AC-5s up to 890 V rated value     at AC-5s up to 400 V rated value     at AC-6s     — 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 590 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 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     — 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     — at 690 V rated value     — at 140 V rated value     — at 140 V rated value     — at 22 V rated value     — at 22 V rated value     — at 22 V rated value     — at 24 V rated value     — at 24 V rated value     — at 24 V rated value     — at 440 V rated value     — at 440 V rated value     — at 600 V rated value     — at 24 V rated value     — at 600 V	— at 500 V rated value	18 A
• at AC-5a up to 690 V rated value • at AC-5a up to 200 V rated value • at AC-5b up to 230 V for current peak value n=20 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 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 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 — 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 — operational current for approx. 200000 operating cycles at AC-4  • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 1 current path at DC-1 — at 24 V rated value — at 400 V rated value — at 600 V rated val	— at 690 V rated value	13 A
at AC-5b up to 400 V rated value     at AC-5b up to 400 V for 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 680 V for current peak value n=30 rated value     • 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     — 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     — at 400 V rated value     — at 600 V rated value     — at 74 V rated value     — at 74 V rated value     — at 60 V rated value     — at 440 V rated value     — at 440 V rated value     — at 60 V rated value     — at 74 V rated value     — at 60 V rated value     — at 600 V rated	<ul> <li>at AC-4 at 400 V rated value</li> </ul>	15.5 A
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 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 200 V for current peak value n=30 rated value     — up to 200 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 400 V for current peak value n=30 rated value     — at 400 V for current peak value n=30 rated value     — at 400 V rated value     — at 600 V rated value     — at 100 V rated value     — at 110 V rated value     — at 220 V rated value     — at 400 V rated value     — at 220 V rated value     — at 600 V rated va	<ul> <li>at AC-5a up to 690 V rated value</li> </ul>	35.2 A
	<ul> <li>at AC-5b up to 400 V rated value</li> </ul>	20.7 A
value	• 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=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 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  at 400 V rated value  at 400 V rated value  at 24 V rated value  at 24 V rated value  at 400 V rated value  at 600 V rated value  at 440 V rated value  at 600 V rated value  at 60		20.2 A
value         — up to 590 V for current peak value n=20 rated value         — up to 690 V for current peak value n=20 rated value         • 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         — up to 690 V for current peak value n=30 rated value         — up to 400 V for current peak value n=30 rated value         — up to 690 V for current peak value n=30 rated value         — up to 400 V for current peak value n=30 rated value          — up to 690 V for current peak value n=30 rated value          — at 600 V rated value         — at 600 V rated value         — at 600 V rated value         — at 220 V rated value         — at 440 V rated value         — at 600 V rated value         — at 60 V rated value         — at 60 V rated value         — at 24 V rated value         — at 60 V 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 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 operational current for approx. 200000 operating cycles at AC-4  at 400 V rated value at 690 V rated value a		20.2 A
value		20.0 A
- up to 690 V for current peak value n=20 rated value  • 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 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  - operational current for approx. 200000 operating cycles at AC-4  • at 400 V rated value  • at 690 V rated value  • at 1 current path at DC-1  - at 24 V rated value  - at 240 V rated value  - at 240 V rated value  - at 240 V rated value  - at 460 V rated value  - at 460 V rated value  - at 600 V rated value  - at 600 V rated value  - at 240 V rated value  - at 220 V rated value  - at 600 V rated value  - at 60		20.2 A
• 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 — 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 — operational current for approx. 200000 operating cycles at AC-4 ■ at 400 V rated value ■ at 690 V rated value ■ at 100 V rated value — at 24 V rated value — at 24 V rated value — at 440 V rated value — at 600 V rated value — at 22 V rated value — at 22 V rated value — at 22 V rated value — at 440 V rated value — at 60 V rate		12 0 Δ
- 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 - operational current for approx. 200000 operating cycles at AC-4  • at 400 V rated value • at 690 V rated value - at 110 V rated value - at 110 V rated value - at 440 V rated value - at 440 V rated value - at 440 V rated value - at 600 V rated value - at 24 V rated value - at 60 V rat		12.0 A
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 operational current for approx. 200000 operating cycles at AC-4  • at 400 V rated value operational current • 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 — at 600 V rated v	• at AC-6a	
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 operational current for approx. 200000 operating cycles at AC-4  • at 400 V rated value operational current • 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 — at 600 V rated v	— up to 230 V for current peak value n=30 rated	13.5 A
value       — up to 500 V for current peak value n=30 rated value       13.5 A         — up to 690 V for current peak value n=30 rated value       13 A         minimum cross-section in main circuit at maximum AC-1 rated value       10 mm²         operational current for approx. 200000 operating cycles at AC-4       9 A         • at 400 V rated value       9 A         • at 690 V rated value       9 A         • at 1 current path at DC-1       35 A         — at 24 V rated value       20 A         — at 110 V rated value       4.5 A         — at 220 V rated value       1 A         — at 440 V rated value       0.4 A         — at 600 V rated value       0.25 A         • with 2 current paths in series at DC-1       35 A         — at 24 V rated value       35 A         — at 110 V rated value       35 A         — at 220 V rated value       35 A         — at 24 V rated value       35 A         — at 24 V rated value       5 A         — at 440 V rated value       5 A         — at 60 V rated value       35 A         — at 600 V rated value       35 A		
- up to 500 V for current peak value n=30 rated value  - up to 690 V for current peak value n=30 rated value  minimum cross-section in main circuit at maximum AC-1 rated value  operational current for approx. 200000 operating cycles at AC-4  • at 400 V rated value • at 690 V rated value  • at 1 current path at DC-1  - at 24 V rated value  - at 110 V rated value  - at 110 V rated value  - at 220 V rated value  - at 440 V rated value  - at 600 V rated value  - at 24 V rated value  - at 25 A  • with 2 current paths in series at DC-1  - at 220 V rated value  - at 600 V rated value  - at 220 V rated value  - at 440 V rated value  - at 600 V rated value  - at 440 V rated value  - at 440 V rated value  - at 24 V rated value  - at 440 V rated value	<ul> <li>up to 400 V for current peak value n=30 rated</li> </ul>	13.5 A
value         — up to 690 V for current peak value n=30 rated value minimum cross-section in main circuit at maximum AC-1 rated value operational current for approx. 200000 operating cycles at AC-4         • at 400 V rated value         • at 690 V rated value         • at 1 current path at DC-1         — at 24 V rated value         — at 110 V rated value         — at 110 V rated value         — at 220 V rated value         — at 440 V rated value         — at 440 V rated value         — at 600 V rated value         — at 24 V rated value         — at 220 V rated value         — at 24 V rated value         — at 440 V rated value         — at 600 V rated value         — at 24 V rated value         — at 24 V rated value         — at 600 V rated value         — at 24 V rated value		
- up to 690 V for current peak value n=30 rated value  minimum cross-section in main circuit at maximum AC-1 rated value  operational current for approx. 200000 operating cycles at AC-4  • at 400 V rated value • at 690 V rated value • at 690 V rated value  • at 1 current path at DC-1  - at 24 V rated value - at 60 V rated value - at 110 V rated value - at 440 V rated value - at 440 V rated value - at 440 V rated value - at 60 V rated va		13.5 A
walue minimum cross-section in main circuit at maximum AC-1 rated value operational current for approx. 200000 operating cycles at AC-4  • at 400 V rated value • at 690 V rated value  • at 1 current path at DC-1  — at 24 V rated value  35 A  — at 60 V rated value  35 A  — at 110 V rated value  45 A  — at 220 V rated value  35 A  — at 440 V rated value  0.4 A  — at 440 V rated value  0.25 A  • with 2 current paths in series at DC-1  — at 24 V rated value  35 A  — at 60 V rated value  1 A  35 A  36 A  37 A  38 A  48 A  48 A  49 A  40 A		40.4
minimum cross-section in main circuit at maximum AC-1 rated value  operational current for approx. 200000 operating cycles at AC-4  • at 400 V rated value  • at 690 V rated value  • at 1 current path at DC-1  — at 24 V rated value  — at 60 V rated value  — at 110 V rated value  — at 440 V rated value  — at 440 V rated value  — at 440 V rated value  — at 600 V rated value  — at 600 V rated value  — at 60 V rated value  — at 60 V rated value  — at 60 V rated value  — at 24 V rated value  — at 440 V rated value  — at 600 V rated value		13 A
rated value  operational current for approx. 200000 operating cycles at AC-4  • at 400 V rated value 9 A  operational current  • at 1690 V rated value 9 A  operational current  • at 1 current path at DC-1  — at 24 V rated value 35 A — at 60 V rated value 4.5 A — at 110 V rated value 1 A — at 220 V rated value 1 A — at 440 V rated value 0.25 A  • with 2 current paths in series at DC-1  — at 24 V rated value 35 A — at 60 V rated value 35 A — at 440 V rated value 35 A — at 110 V rated value 35 A — at 120 V rated value 1 A — at 440 V rated value 35 A — at 120 V rated value 1 A — at 600 V rated value 1 A — at 24 V rated value 1 A — at 25 V rated value 1 A — at 26 V rated value 1 A — at 27 V rated value 1 A — at 28 V rated value 1 A — at 28 V rated value 1 A — at 29 V rated value 1 A — at 20 V rated value 1		10 mm²
e at 400 V rated value 9 A  ● at 690 V rated value 9 A  operational current  ● at 1 current path at DC-1  — at 24 V rated value 20 A  — at 60 V rated value 4.5 A  — at 220 V rated value 1 A  — at 440 V rated value 1 A  — at 600 V rated value 0.25 A  ● with 2 current paths in series at DC-1  — at 24 V rated value 35 A  — at 110 V rated value 35 A  — at 20 V rated value 35 A  — at 60 V rated value 35 A  — at 60 V rated value 35 A  — at 220 V rated value 35 A  — at 110 V rated value 35 A  — at 220 V rated value 35 A  — at 24 V rated value 35 A  — at 24 V rated value 35 A  — at 24 V rated value 5 A  — at 24 V rated value 35 A  — at 220 V rated value 1 A  — at 24 V rated value 35 A  • with 3 current paths in series at DC-1  — at 24 V rated value 35 A		10 11111
e at 400 V rated value 9 A  ● at 690 V rated value 9 A  operational current  ● at 1 current path at DC-1  — at 24 V rated value 20 A  — at 60 V rated value 4.5 A  — at 220 V rated value 1 A  — at 440 V rated value 1 A  — at 600 V rated value 0.25 A  ● with 2 current paths in series at DC-1  — at 24 V rated value 35 A  — at 110 V rated value 35 A  — at 20 V rated value 35 A  — at 60 V rated value 35 A  — at 60 V rated value 35 A  — at 220 V rated value 35 A  — at 110 V rated value 35 A  — at 220 V rated value 35 A  — at 24 V rated value 35 A  — at 24 V rated value 35 A  — at 24 V rated value 5 A  — at 24 V rated value 35 A  — at 220 V rated value 1 A  — at 24 V rated value 35 A  • with 3 current paths in series at DC-1  — at 24 V rated value 35 A	operational current for approx. 200000 operating	
• at 690 V rated value  operational current  • 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 — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 600 V rated value — at 22 V rated value — at 60 V rated value — at 60 V rated value — at 110 V rated value — at 60 V rated value — at 24 V rated value — at 60 V rated value — at 24 V rated value — at 600 V rated value — at 600 V rated value — at 600 V rated value — at 24 V rated value — at 24 V rated value  • with 3 current paths in series at DC-1 — at 24 V rated value  35 A		
operational current	• at 400 V rated value	9 A
• at 1 current path at DC-1  — at 24 V rated value 35 A  — at 60 V rated value 20 A  — at 110 V rated value 4.5 A  — at 220 V rated value 1 A  — at 440 V rated value 0.4 A  — at 600 V rated value 0.25 A  • with 2 current paths in series at DC-1  — at 24 V rated value 35 A  — at 60 V rated value 35 A  — at 110 V rated value 35 A  — at 110 V rated value 35 A  — at 220 V rated value 35 A  — at 440 V rated value 5 A  — at 460 V rated value 5 A  — at 240 V rated value 5 A  — at 240 V rated value 1 A  — at 350 V rated value 1 A  — at 440 V rated value 1 A  — at	• at 690 V rated value	9 A
- at 24 V rated value 35 A - at 60 V rated value 20 A - at 110 V rated value 4.5 A - at 220 V rated value 1 A - at 440 V rated value 0.4 A - at 600 V rated value 0.25 A  • with 2 current paths in series at DC-1 - at 24 V rated value 35 A - at 60 V rated value 35 A - at 110 V rated value 35 A - at 220 V rated value 35 A - at 24 V rated value 35 A - at 25 V rated value 35 A - at 26 V rated value 35 A - at 27 V rated value 35 A - at 27 V rated value 35 A - at 28 V rated value 35 A - at 29 V rated value 35 A - at 24 V rated value 35 A - at 24 V rated value 35 A - at 24 V rated value 35 A - at 35 A - at 36 O V rated value 35 A - at 36 O V rated value 35 A - at 37 V rated value 35 A	operational current	
- at 60 V rated value 20 A - at 110 V rated value 4.5 A - at 220 V rated value 1 A - at 440 V rated value 0.4 A - at 600 V rated value 0.25 A  • with 2 current paths in series at DC-1 - at 24 V rated value 35 A - at 60 V rated value 35 A - at 110 V rated value 35 A - at 220 V rated value 5 A - at 440 V rated value 5 A - at 440 V rated value 1 A - at 600 V rated value 5 A - at 440 V rated value 1 A - at 600 V rated value 1 A - at 600 V rated value 1 A - at 600 V rated value 35 A - at 24 V rated value 35 A - at 24 V rated value 35 A		
- at 110 V rated value 4.5 A - at 220 V rated value 1 A - at 440 V rated value 0.4 A - at 600 V rated value 0.25 A  • with 2 current paths in series at DC-1 - at 24 V rated value 35 A - at 60 V rated value 35 A - at 110 V rated value 35 A - at 220 V rated value 55 A - at 440 V rated value 1 A - at 600 V rated value 1 A - at 600 V rated value 0.8 A  • with 3 current paths in series at DC-1 - at 24 V rated value 35 A	— at 24 V rated value	
- at 220 V rated value	— at 60 V rated value	
- at 440 V rated value 0.4 A - at 600 V rated value 0.25 A  • with 2 current paths in series at DC-1 - at 24 V rated value 35 A - at 60 V rated value 35 A - at 110 V rated value 35 A - at 220 V rated value 5 A - at 440 V rated value 1 A - at 600 V rated value 0.8 A  • with 3 current paths in series at DC-1 - at 24 V rated value 35 A	— at 110 V rated value	
<ul> <li>— at 600 V rated value</li> <li>• with 2 current paths in series at DC-1</li> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> <li>— at 600 V rated value</li> <li>— at 600 V rated value</li> <li>— at 24 V rated value</li> <li>35 A</li> <li>— at 24 V rated value</li> <li>— at 24 V rated value</li> <li>35 A</li> </ul>		
<ul> <li>with 2 current paths in series at DC-1         <ul> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 220 V rated value</li> <li>at 440 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> </ul> </li> <li>with 3 current paths in series at DC-1         <ul> <li>at 24 V rated value</li> <li>35 A</li> </ul> </li> <li>\$ 35 A</li> <li>\$ 35 A</li> <li>\$ 35 A</li> </ul>		
- at 24 V rated value 35 A - at 60 V rated value 35 A - at 110 V rated value 35 A - at 220 V rated value 5 A - at 440 V rated value 1 A - at 600 V rated value 0.8 A  • with 3 current paths in series at DC-1 - at 24 V rated value 35 A		0.25 A
- at 60 V rated value 35 A - at 110 V rated value 35 A - at 220 V rated value 5 A - at 440 V rated value 1 A - at 600 V rated value 0.8 A  • with 3 current paths in series at DC-1 - at 24 V rated value 35 A		
<ul> <li>— at 110 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> <li>■ with 3 current paths in series at DC-1</li> <li>— at 24 V rated value</li> <li>35 A</li> <li>35 A</li> </ul>		
- at 220 V rated value 5 A - at 440 V rated value 1 A - at 600 V rated value 0.8 A  • with 3 current paths in series at DC-1 - at 24 V rated value 35 A		
<ul> <li>at 440 V rated value</li> <li>at 600 V rated value</li> <li>with 3 current paths in series at DC-1</li> <li>at 24 V rated value</li> <li>35 A</li> </ul>		
<ul> <li>— at 600 V rated value</li> <li>• with 3 current paths in series at DC-1</li> <li>— at 24 V rated value</li> <li>35 A</li> </ul>		
• with 3 current paths in series at DC-1 — at 24 V rated value 35 A		
— at 24 V rated value 35 A		0.8 A
— at 60 V rated value 35 A		
	— at 60 V rated value	35 A

	— at 110 V rated value	35 A
alt 440 V rated value alt 1 current path at DC-3 at DC-5 alt 24 V rated value alt 50 V rated value		
# 11 current path at DC-3 at DC-5  # 12 V rated value # 10 V rated value # 11 V rated value # 11 V rated value # 11 V rated value # 12 V rated value # 12 V rated value # 11 V rated value # 10 V rated value # 11 V rated value # 12 V rated value # 10 V rated value # 11 V rated value # 12 V rated value # 11 V rated value # 11 V rated value # 11 V rated value # 12 V rated value # 12 V rated value # 11 V rated value # 12 V rated value # 11 V rated value # 12 V rated value # 12 V rated value # 12 V rated value # 13 V rated value # 14 V rated value # 15 V rated value # 16 V rated value # 17 V rated value # 18 V rated value # 19 V rated value # 19 V rated value # 10 V rated val		
* at 1 current path at DC-3 at DC-5 — at 260 V rated value — at 800		
		I.TA
	•	20 A
with 2 current paths in series at DC-3 at DC-5		
	-	35 A
at 220 V rated value at 600 V rated value	— at 60 V rated value	35 A
	— at 110 V rated value	15 A
	— at 220 V rated value	3 A
• with 3 current paths in series at DC-3 at DC-5	— at 440 V rated value	0.27 A
at 24 V rated value	— at 600 V rated value	0.16 A
	<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
at 110 V rated value at 220 V rated value at 440 V rated value at 600 V rated value at 400 V rated value at 690 V rated value at 400 V rated value at 690 V rote 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 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 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 pe	— at 24 V rated value	35 A
at 220 V rated value at 440 V rated value 0.6 A	— at 60 V rated value	35 A
	— at 110 V rated value	35 A
operating power  at AC-2 at 400 V rated value  at AC-3 at 400 V rated value  at 400 V rated value  at 400 V rated value  at 500 V rated value  at 690 V rated value  at 690 V rated value  at 400 V rated value  be at 690 V rated value  at 400 V rated value  be at 400 V rated value  at 400 V rated value  at 400 V rated value  be at 690 V rated value  at 400 V rated value  at 690 V rated value  be at 690 V rated value  at 690 V rated value  at 690 V rated value  be preating apparent power at AC-6a  at 90 to 230 V for current peak value n=20 rated value  ap to 690 V for current peak value n=20 rated value  be up to 690 V for current peak value n=20 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  be up to 690 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak value n=30 rated value  ap to 500 V for current peak val	— at 220 V rated value	10 A
operating power  at AC-2 at 400 V rated value  at 230 V rated value  at 500 V rated value  at 690 V rated value  at 230 V rated value  at 55 kW  11 kW  55 kW  11	— at 440 V rated value	0.6 A
at AC-2 at 400 V rated value at AC-3  — at 230 V rated value — at 400 V rated value — at 690 V rated value — at 690 V rated value — at 690 V rated value — at 500 V rated value — at 500 V rated value — at 690 V rated value  operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value  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 operating apparent power at AC-6a  up to 500 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 500 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 operating apparent power at AC-6a  up to 500 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated value op to 600 V for current peak value n=30 rated	— at 600 V rated value	0.6 A
at AC-3  at 230 V rated value  at 400 V rated value  at 690 V rated value  at 55.5 kW  11	operating power	
- at 230 V rated value - at 400 V rated value - at 690 V rated value - at 690 V rated value - at 230 V rated value - at 230 V rated value - at 230 V rated value - at 400 V rated value - at 400 V rated value - at 690 V rated value - at 400 V rated value - at 400 V rorurent peak value n=20 rated value - at 400 V rorurent 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 400 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 - 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 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 rated value - up to 600 V for current peak v	<ul> <li>at AC-2 at 400 V rated value</li> </ul>	11 kW
- at 400 V rated value - at 500 V rated value - at 690 V rated value - at 230 V rated value - at 400 V rated value - at 400 V rated value - at 690 V 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=20 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 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 - 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 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 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 rated value - up to 600 V for current pe	• at AC-3	
- at 500 V rated value - at 690 V rated value - at 230 V rated value - at 300 V rated value - at 400 V rated value - at 690 V rated value - at 500 V rated value - at 500 V rated value - at 690 V rated value - at 60 V rated value - at 60 V rated value - at 60 V rated value -	— at 230 V rated value	5.5 kW
at AC-3e  at 230 V rated value  at 400 V rated value  at 690 V rated value  boperating power for approx. 200000 operating cycles at AC-4  at 400 V rated value  at 690 V rated value  at 690 V rated value  operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value  at 690 V rated value  at 600 V rated value	— at 400 V rated value	11 kW
at AC-3e — at 230 V rated value — at 400 V rated value — at 690 V rated value  operating power for approx. 200000 operating cycles at AC-4  at 400 V rated value  at 690 V rated value  4.4 kW  7.7 kW  7.7 kW  8 kVA  13.9 kVA  13.9 kVA  15.4 kVA  15.4 kVA  15.5 kVA  16.6 kVA  17.4 kVA  17.4 kVA  17.4 kVA  17.4 kVA  17.4 kVA  17.5 kVA  17.4 kVA  17.5 kVA  17.4 kVA  17.5 kVA  17.4 kVA  17.4 kVA  17.4 kVA  17.5	— at 500 V rated value	11 kW
- at 230 V rated value - at 400 V rated value - at 690 V rated value - at 400 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 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 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 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 - 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 va		11 kW
- at 400 V rated value - at 500 V rated value - at 690 V rated value 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 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 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 p		
- at 500 V rated value - at 690 V rated value operating power for approx. 200000 operating cycles at AC-4  • at 400 V rated value • at 690 V rated value • at 690 V roc urrent 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 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 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 • 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 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 • 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 5 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 6		
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<ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> <li>at 7.7 kW</li> <li>at 7.7 kW</li> <li>at 800 V for current peak value n=20 rated value</li> <li>at 900 V for current peak value n=20 rated value</li> <li>at 8 kVA</li> <li>at 8 kVA<td></td><td></td></li></ul>		
• 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 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 • up to 230 V for current peak value n=30 rated value • up to 400 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 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 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 60 s switching at		4 4 k/N
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<ul> <li>up to 500 V for current peak value n=20 rated value</li> <li>up to 690 V for current peak value n=20 rated value</li> <li>operating apparent power at AC-6a</li> <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>short-time withstand current in cold operating state</li> <li>up to 40 °C</li> <li>limited to 1 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>no-load switching frequency</li> <li>at AC-</li> <li>operating frequency</li> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> </ul> <ul> <li>17.4 kVA</li> <li>15.4 kVA</li> <li>15.3 kVA</li> <li>15.5 kVA</li> </ul> <ul> <li>53 kVA</li> <li>15.5 kVA</li> </ul> <li>15.5 kVA</li> <ul> <li>375 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>210 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>118 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>118 A; Use minimum cross-section acc. to AC-1 rated value</li> </ul> <ul> <li>118 A; Use minimum cross-section acc. to AC-1 rated value</li> </ul> <ul> <li>118 A; Use minimum cross-section acc. to AC-1 rated value</li> </ul> <ul> <li>118 A; Use minimum cross-section acc. to AC-1 rated value</li> </ul> <ul> <li>118 A; Use minimum cross-section acc. to AC-1 rated value</li> </ul> <ul> <li>118 A; Use minimum cross-section acc. to AC-1 rated value</li> </ul> <ul> <li>118 A; Use minimum cross-section acc. to AC-1 rated value</li> </ul> <ul> <li>118 A; Use minimum cross-section</li></ul>		
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<ul> <li>up to 690 V for current peak value n=30 rated value</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>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> <li>15.5 kVA</li> <li>375 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>210 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>144 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>18 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>5 000 1/h</li> <li>7 000 1/h</li></ul>		
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 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum no-load switching frequency • at AC  • at AC-1 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum  • limited to 10 s switching at zero current maximum  1000 1/h	·	
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<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>operating frequency</li> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>210 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>118 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>100 1/h</li> <li>750 1/h</li> <li>750 1/h</li> </ul>	<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	375 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>operating frequency</li> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>210 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>118 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>100 1/h</li> <li>750 1/h</li> <li>750 1/h</li> </ul>	<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	300 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 30 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>operating frequency</li> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>144 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>18 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>1000 1/h</li> <li>750 1/h</li> <li>750 1/h</li> </ul>		210 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency  • at AC  operating frequency  • at AC-1 maximum  • at AC-2 maximum  • at AC-3 maximum  750 1/h  750 1/h	<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	144 A; Use minimum cross-section acc. to AC-1 rated value
<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>750 1/h</li> </ul>	<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	118 A; Use minimum cross-section acc. to AC-1 rated value
operating frequency         • at AC-1 maximum       1 000 1/h         • at AC-2 maximum       750 1/h         • at AC-3 maximum       750 1/h	no-load switching frequency	
<ul> <li>at AC-1 maximum</li> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>1 000 1/h</li> <li>750 1/h</li> <li>750 1/h</li> </ul>	• at AC	5 000 1/h
<ul> <li>at AC-2 maximum</li> <li>at AC-3 maximum</li> <li>750 1/h</li> <li>750 1/h</li> </ul>	operating frequency	
• at AC-3 maximum 750 1/h	• at AC-1 maximum	1 000 1/h
	• at AC-2 maximum	750 1/h
• at AC-3e maximum 750 1/h		
	• at AC-3e maximum	750 1/h

• at AC-4 maximum	250 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC
control supply voltage at AC	
at 50 Hz rated value	48 V
operating range factor control supply voltage rated	
value of magnet coil at AC	
● at 50 Hz	0.8 1.1
apparent pick-up power of magnet coil at AC	
• at 50 Hz	77 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.82
apparent holding power of magnet coil at AC  ● at 50 Hz	9.8 VA
inductive power factor with the holding power of the	9.0 VA
coil	
● at 50 Hz	0.25
closing delay	
• at AC	8 40 ms
opening delay	
• at AC	4 16 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous contact	1
number of NO contacts for auxiliary contacts	1
instantaneous contact	
operational current at AC-12 maximum	10 A
operational current at AC-15	
<ul> <li>at 230 V rated value</li> </ul>	10 A
<ul> <li>at 400 V rated value</li> </ul>	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	
<ul> <li>at 24 V rated value</li> </ul>	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     at 220 V rated value	0.9 A
at 220 V rated value     at 600 V rated value	0.3 A 0.1 A
<ul> <li>at 600 V rated value</li> <li>contact reliability of auxiliary contacts</li> </ul>	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings	a.a, ornioning por 100 million (17 v, 1 milly
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	21 A
at 600 V rated value	22 A
yielded mechanical performance [hp]	
for single-phase AC motor	
— at 110/120 V rated value	2 hp
— at 230 V rated value	3 hp
• for 3-phase AC motor	
<ul> <li>at 200/208 V rated value</li> </ul>	5 hp
— at 220/230 V rated value	7.5 hp
— at 460/480 V rated value	15 hp
— at 575/600 V rated value	20 hp

contact rating of auxiliary contacts according to UL	A600 / P600
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit	
— with type of coordination 1 required	gG: 100 A (690 V, 100 kA), aM: 50 A (690 V, 100 kA), BS88: 100 A (415 V, 80 kA)
— with type of assignment 2 required	gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	gG: 10 A (500 V, 1 kA)
nstallation/ mounting/ dimensions	
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted
fastening method	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
side-by-side mounting	Yes
height	102 mm
width	45 mm
depth	97 mm
required spacing	
with side-by-side mounting	
— forwards	10 mm
— upwards	10 mm
— dpwards — downwards	10 mm
— at the side	0 mm
for grounded parts	V IIIII
for grounded parts     — forwards	10 mm
— upwards	10 mm
•	
— at the side	6 mm
— downwards	10 mm
• for live parts	40
— 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
<ul> <li>for auxiliary and control circuit</li> </ul>	spring-loaded terminals
<ul> <li>at contactor for auxiliary contacts</li> </ul>	Spring-type terminals
<ul><li>of magnet coil</li></ul>	Spring-type terminals
type of connectable conductor cross-sections for main contacts	
• solid	2x (1 10 mm²)
solid or stranded	2x (1 10 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (1 6 mm²)
• finely stranded without core end processing connectable conductor cross-section for main	2x (1 6 mm²)
contacts	
• solid	1 10 mm²
<ul><li>solid</li><li>stranded</li></ul>	1 10 mm² 1 10 mm²
• stranded	1 10 mm²
<ul><li>stranded</li><li>finely stranded with core end processing</li></ul>	1 10 mm² 1 6 mm²
<ul> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> </ul>	1 10 mm <sup>2</sup> 1 6 mm <sup>2</sup> 1 6 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup>
<ul> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> </ul>	1 10 mm <sup>2</sup> 1 6 mm <sup>2</sup> 1 6 mm <sup>2</sup>
<ul> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>type of connectable conductor cross-sections</li> </ul>	1 10 mm <sup>2</sup> 1 6 mm <sup>2</sup> 1 6 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 1.5 mm <sup>2</sup>
<ul> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul>	1 10 mm <sup>2</sup> 1 6 mm <sup>2</sup> 1 6 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 1.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup>
<ul> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>type of connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> </ul>	1 10 mm <sup>2</sup> 1 6 mm <sup>2</sup> 1 6 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 1.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup>
<ul> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>type of connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> </ul>	1 10 mm <sup>2</sup> 1 6 mm <sup>2</sup> 1 6 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 1.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> )
<ul> <li>stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>connectable conductor cross-section for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>type of connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> </ul>	1 10 mm <sup>2</sup> 1 6 mm <sup>2</sup> 1 6 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup> 0.5 1.5 mm <sup>2</sup> 0.5 2.5 mm <sup>2</sup>

section

18 ... 8 • for main contacts · for auxiliary contacts

20 ... 14

## Safety related data

## product function

• mirror contact according to IEC 60947-4-1

B10 value with high demand rate according to SN 31920

proportion of dangerous failures

• with low demand rate according to SN 31920

• with high demand rate according to SN 31920

failure rate [FIT] with low demand rate according to SN

T1 value for proof test interval or service life according to IEC 61508

protection class IP on the front according to IEC

touch protection on the front according to IEC 60529 suitability for use

• safety-related switching OFF

73 % 100 FIT

40 %

Yes

450 000

20 a

IP20

finger-safe, for vertical contact from the front

Yes

### Certificates/ approvals

#### **General Product Approval**



Confirmation





<u>KC</u>



EMC	Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates
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**Type Examination** Certificate





Special Test Certificate

Type Test Certificates/Test Report

## Marine / Shipping













Marine / Shipping other Railway



Confirmation



Confirmation

Vibration and Shock

## **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=3RT2026-2AH00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2026-2AH00

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-2AH00

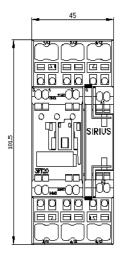
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2026-2AH00&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2026-2AH00&lang=en</a>

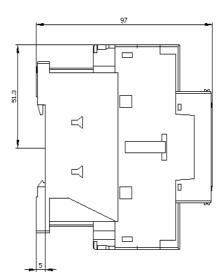
Characteristic: Tripping characteristics, I2t, Let-through current

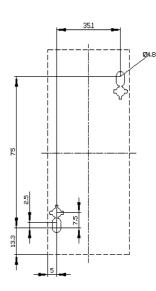
https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-2AH00/char

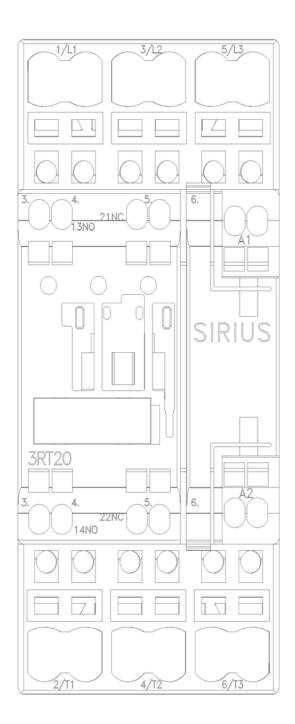
Further characteristics (e.g. electrical endurance, switching frequency)

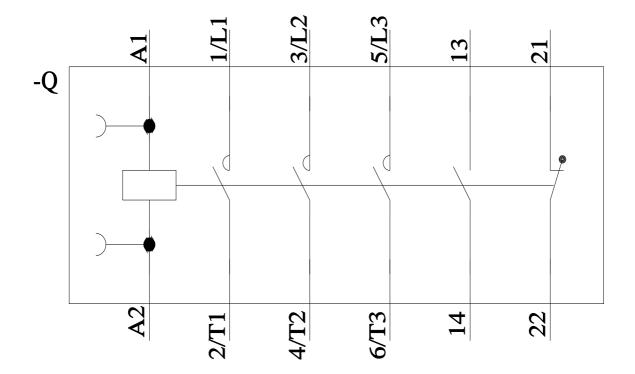
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2026-2AH00&objecttype=14&gridview=view1











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