SIEMENS

Data sheet

3RT1056-2AF36

CONTACTOR, 90KW/400V/AC-3 AC(40...60HZ)/DC OPERATION UC 110-127V AUXILIARY CONTACTS 2NO+2NC 3-POLE, SIZE S6 BAR CONNECTIONS CONVENT. OPERATING MECHANISM CAGE CLAMP TERMINAL



Figure similar

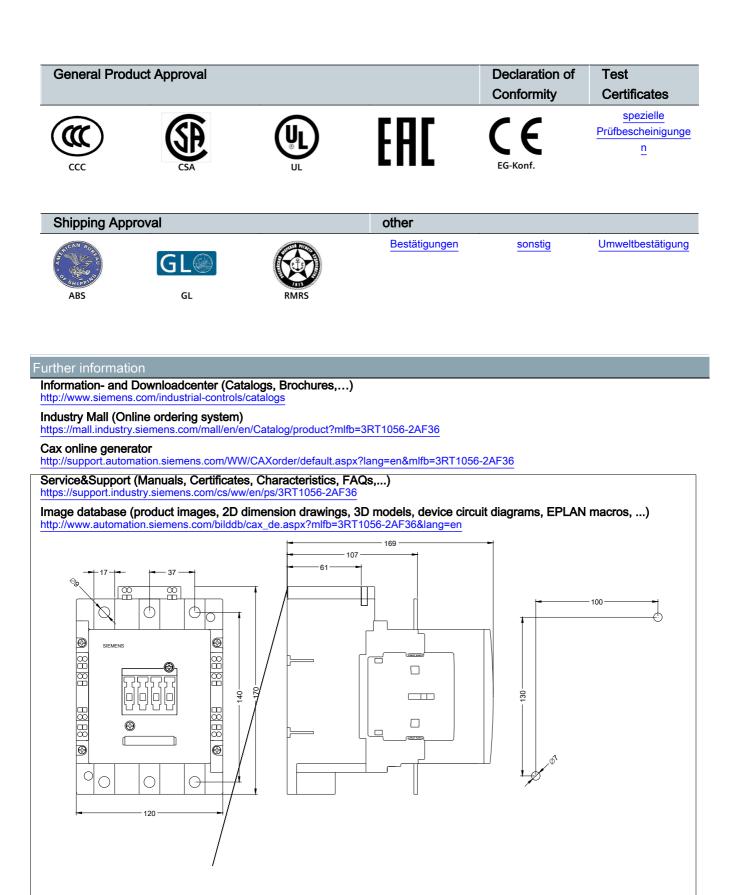
product brandname	SIRIUS	
Product designation	Power contactor	
General technical data		
Size of contactor	S6	
Insulation voltage		
 rated value 	1 000 V	
Degree of pollution	3	
Surge voltage resistance rated value	8 kV	
maximum permissible voltage for safe isolation		
 between coil and main contacts acc. to EN 	690 V	
60947-1		
Protection class IP		
• on the front	IP00	
• of the terminal	IP00	
Shock resistance at rectangular impulse		
• at AC	8,5g / 5 ms, 4,2g / 10 ms	
• at DC	8,5g / 5 ms, 4,2g / 10 ms	

Shock resistance with sine pulse	
• at AC	13,4g / 5 ms, 6,5g / 10 ms
• at DC	13,4g / 5 ms, 6,5g / 10 ms
Mechanical service life (switching cycles)	
 of contactor typical 	10 000 000
 of the contactor with added electronics- compatible auxiliary switch block typical 	5 000 000
 of the contactor with added auxiliary switch block typical 	10 000 000
Ambient conditions	
Ambient temperature	
• during operation	-25 +60 °C
• during storage	-55 +80 °C
Main circuit	
Number of poles for main current circuit	3
Number of NO contacts for main contacts	3
Number of NC contacts for main contacts	0
Operating current	
● at AC-1 at 400 V	
— at ambient temperature 40 °C rated value	215 A
● at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	215 A
— up to 690 V at ambient temperature 60 °C rated value	185 A
— up to 1000 V at ambient temperature 40 °C rated value	100 A
— up to 1000 V at ambient temperature 60 °C rated value	100 A
● at AC-3	
— at 400 V rated value	185 A
— at 690 V rated value	170 A
— at 1000 V rated value	65 A
Connectable conductor cross-section in main circuit at AC-1	
• at 60 °C minimum permissible	95 mm²
• at 40 °C minimum permissible	95 mm²
Operating current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	81 A
• at 690 V rated value	65 A
Operating current	

• all 1 current path al CC-1 - at 24 V rated value - at 24 V rated value 18 A • with 2 current paths in series at DC-1 - at 24 V rated value - at 24 V rated value 160 A - at 110 V rated value 160 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 110 V rated value 160 A - at 24 V r		
all 10 V rated value18 Å• with 2 current paths in series at DC-1160 Å- at 24 V rated value160 Å- at 110 V rated value160 Å- at 110 V rated value160 Å- at 124 V rated value160 Å- at 124 V rated value160 Å- at 110 V rated value160 Å- at 24 V rated value160 Å- at 230 V at 60 °C rated value210 kW- at 230 V rated value160 kW- at 300 V rated value160 kW- at 300 V	 at 1 current path at DC-1 	
with 2 current paths in series at DC-1160 A- at 24 V rated value160 A- at 110 V rated value160 A- at 24 V rated value160 A- at 24 V rated value160 A- at 110 V rated value160 A- at 24 V rated value160 A- at 110 V rated value160 A- at 110 V rated value160 A- at 24 V rated value160 A- at 250 V rated value100 A- at 260 V rated value210 kW- at 260 V rated value210 kW- at 270 V rated value120 kW- at 250 V rated value120 kW- at 250 V rated value120 kW- at 250 V rated value121 kW- at 250 V rated value120 kW- at 250 V rated value120 kW- at 250 V rated value121 kW- at 250 V rated value121 kW- at 250 V rated value127 kW- at 250 V rated val	— at 24 V rated value	160 A
- at 24 V rated value 160 A - at 110 V rated value 160 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 110 V rated value 160 A - at 24 V rated value 160 A - at 110 V rated value 25 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 110 V rated value 160 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 230 V rated value 160 A - at 230 V rated value 121 kW - at 690 V rated value 121 kW - at 690 V rated value 104 kW - at 230 V rated value 104 kW - at 230 V rated value 132 kW - at 690 V rated value 132 kW - at 690 V rated value 90 W	— at 110 V rated value	18 A
Label Not Nation160 Å• with 3 current paths in series at DC-1 at 24 V rated value160 Å- at 110 V rated value160 Å- at 110 V rated value160 Å- at 110 V rated value160 Å- at 24 V rated value160 Å- at 24 V rated value160 Å- at 110 V rated value160 Å- at 24 V rated value160 Å- at 24 V rated value160 Å- at 24 V rated value160 Å- at 20 V rated value160 Å- at 230 V rated value160 Å- at 230 V rated value210 kW- at 690 V rated value121 kW- at 690 V rated value165 W- at 230 V rated value104 kW- at 400 V rated value104 kW- at 400 V rated value104 kW- at 690 V rate	 with 2 current paths in series at DC-1 	
with 3 current paths in series at DC-1IGO A- at 24 V rated value160 A- at 110 V rated value160 A• at 1 current path at DC-3 at DC-3 at 24 V rated value160 A- at 110 V rated value160 A- at 24 V rated value121 kW- at 24 V rated value121 kW- at 230 V rated value210 kW- at 600 V rated value104 kW- at 230 V rated value104 kW- at 630 V	— at 24 V rated value	160 A
- at 24 V rated value160 A- at 110 V rated value160 AOperating current160 A- at 24 V rated value160 A- at 124 V rated value2.5 A- with 2 current paths in series at DC-3 at DC-5 at 110 V rated value160 A- at 24 V rated value160 A- at 230 V at 60 °C rated value121 kW- at 600 V rated value210 kW- at 600 V rated value210 kW- at 600 V rated value165 W- at 230 V rated value104 kW- at 230 V rated value104 kW- at 400 V rated value104 kW- at 400 V rated value104 kW- at 690 V rated value104 kW- at 69	— at 110 V rated value	160 A
at 110 V rated value160 AOperating current at 1 current path at DC-3 at DC-5 at 24 V rated value160 A- at 110 V rated value160 A- at 110 V rated value160 A- at 110 V rated value160 A- at 24 V rated value160 A- at 230 V at 60 °C rated value160 A- at 230 V at 60 °C rated value21 kW- at 690 V rated value121 kW- at 690 V rated value120 kW- at 100 V rated value165 W- at 100 V rated value165 W- at 100 V rated value164 kW- at 230 V rated value164 kW- at 230 V rated value164 kW- at 400 V rated value104 kW- at 690 V rated value104 kW-	 with 3 current paths in series at DC-1 	
Operating current160 A- at 24 V rated value160 A- at 110 V rated value2.5 A• with 2 current paths in series at DC-3 at DC-5160 A- at 110 V rated value160 A- at 24 V rated value160 A- at 230 V at 60 °C rated value121 kW- at 400 V rated value210 kW- at 690 V rated value121 kW- at 690 V rated value165 W- at 230 V rated value165 W- at 230 V rated value165 W- at 230 V rated value164 kW- at 230 V rated value165 W- at 230 V rated value164 kW- at 230 V rated value104 kW- at 230 V rated value110 kW- at 230 V rated value121 kW- at 230 V rated value104 kW- at 230 V rated value110 kW- at 400 V rated value122 kW- at 500 V rated value167 kW- at 690 V rated value5 kW- at 690 V rated value5 kW <tr< td=""><td>— at 24 V rated value</td><td>160 A</td></tr<>	— at 24 V rated value	160 A
 et i current path at DC-3 at DC-5 at 24 V rated value at 24 V rated value at 110 V rated value at 110 V rated value at 10 V rated value at 24 V rated value at 10 V rated value at 24 V rated value at 10 V rated value at 24 V rated value at 25 V rated value at AC-1 at 230 V at 60 °C rated value at 600 A at 600 V rated value at 600 V rated value at 600 V rated value at AC-2 at 400 V rated value at AC-3 bit AC-4 bit AC-3 bit AC-4 <libit ac-4<="" li=""></libit>	— at 110 V rated value	160 A
- at 24 V rated value 160 A - at 110 V rated value 2.5 A - with 2 current paths in series at DC-3 at DC-5 160 A - at 24 V rated value 160 A - at 230 V rated value 160 A - at 230 V rated value 70 kW - at 600 V rated value 210 kW - at 600 V rated value 165 W - at 600 V rated value 164 kW - at 230 V rated value 164 kW - at 230 V rated value 164 kW - at 400 V rated value 164 kW - at 400 V rated value 164 kW - at 400 V rated value 164 kW - at 600 V rated value 167 kW - at 600 V rated value 167 kW - at 600 V rated value	Operating current	
 at 110 V rated value at 110 V rated value with 2 current paths in series at DC-3 at DC-5 at 110 V rated value at 24 V rated value at 24 V rated value at 10 V rated value at 10 V rated value at 24 V rated value at 250 V at 60 °C rated value at 200 V rated value at 600 A at 250 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at AC-1 at 250 V rated value at 600 V rated value bt AC-2 at 400 V rated value at AC-3 at 230 V rated value bt AC-3 at AC-3 at AC-4 at 600 V rated value bt AC-3 at 600 V rated value bt AC-3 at 600 V rated value bt AC-3 at 600 V rated value bt AC-4 bt AC	 at 1 current path at DC-3 at DC-5 	
 with 2 current paths in series at DC-3 at DC-5 at 110 V rated value at 24 V rated value with 3 current paths in series at DC-3 at DC-5 at 110 V rated value at 24 V rated value bt AC-1 at 230 V at 60 °C rated value at 400 V rated value at 60 A at 600 V rated value at 600 V rated value at 600 V rated value at AC-2 at 400 V rated value at AC-3 at AC-3 at 230 V rated value bt AC-3 at 400 V rated value bt AC-3 at 600 V rated value bt AC-3 bt AC-3 bt AC-4 bt AC-5 bt AC-4 bt AC-4<td>— at 24 V rated value</td><td>160 A</td>	— at 24 V rated value	160 A
at 110 V rated value160 A at 24 V rated value160 A• with 3 current paths in series at DC-3 at DC-5 at 110 V rated value160 A at 24 V rated value160 A at 24 V rated value160 A at 230 V at 60 °C rated value70 kW at 400 V rated value210 kW at 690 V rated value210 kW at 690 V rated value165 W at 230 V rated value165 W at 230 V rated value165 W at 690 V rated value104 kW at 230 V rated value61 kW at 690 V rated value104 kW at 690 V rated value167 kW at 690 V rated value167 kW at 690 V rated value65 kW	— at 110 V rated value	2.5 A
- at 24 V rated value160 A• with 3 current paths in series at DC-3 at DC-5 at 110 V rated value160 A- at 24 V rated value160 A- at 24 V rated value160 A- at 24 V rated value160 A- at 230 V at 60 °C rated value70 kW- at 400 V rated value210 kW- at 690 V rated value210 kW- at 690 V rated value165 W- at 230 V rated value166 W- at 230 V rated value104 kW- at 230 V rated value104 kW- at 230 V rated value61 kW- at 230 V rated value1104 kW- at 230 V rated value104 kW- at 230 V rated value61 kW- at 230 V rated value104 kW- at 230 V rated value61 kW- at 230 V rated value61 kW- at 230 V rated value61 kW- at 690 V rated value104 kW- at 690 V rated value105 kW- at 400 V rated value167 kW- at 400 V rated value167 kW- at 690 V rated value167 kW- at 690 V rated value167 kW- at 690 V rated value168 kW- at 690 V rated value1480 A- Thermal short-time current limited	 with 2 current paths in series at DC-3 at DC-5 	
 with 3 current paths in series at DC-3 at DC-5 at 110 V rated value at 24 V rated value 160 A on at 24 V rated value 160 A 160 A<td>— at 110 V rated value</td><td>160 A</td>	— at 110 V rated value	160 A
- at 110 V rated value160 A- at 24 V rated value160 AOperating power • at AC-170 kW- at 230 V at 60 °C rated value70 kW- at 400 V rated value121 kW- at 690 V rated value210 kW- at 690 V at 60 °C rated value165 W- at 600 V at 60 °C rated value165 W- at 1000 V at 60 °C rated value165 W- at 1000 V at 60 °C rated value104 kW- at 230 V rated value104 kW- at 230 V rated value61 kW- at 230 V rated value104 kW- at 690 V rated value104 kW- at 690 V rated value104 kW- at 690 V rated value167 kW- at 690 V rated value167 kW- at 690 V rated value65 kWCoperating power for approx. 20000 operating cycles at AC-445 kW- at 690 V rated value45 kW- at 690 V rated value65 kWThermal short-time current limited to 10 s1480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor130 W	— at 24 V rated value	160 A
at 24 V rated value160 AOperating power at AC-170 kW- at 230 V at 60 °C rated value70 kW- at 400 V rated value121 kW- at 690 V rated value121 kW- at 690 V rated value210 kW- at 600 V rated value165 W- at 000 V rated value165 W- at 000 V rated value164 kW- at 230 V rated value104 kW- at 230 V rated value61 kW- at 230 V rated value104 kW- at 600 V rated value61 kW- at 600 V rated value167 kW- at 600 V rated value90 WOperating power for approx. 20000 operating cyclesat AC-445 kW• at 400 V rated value65 kW• at 400 V rated value65 kW• at 600 V rated value1480 APower loss [W] at AC-3 at 400 V for rated value of the operating current limited to 10 s1480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor130 W	 with 3 current paths in series at DC-3 at DC-5 	
Operating power• at AC-1- at 230 V at 60 °C rated value70 kW- at 400 V rated value121 kW- at 690 V rated value121 kW- at 690 V rated value210 kW- at 690 V at 60 °C rated value165 W- at 1000 V at 60 °C rated value104 kW- at 1000 V rated value104 kW- at 230 V rated value61 kW- at 230 V rated value104 kW- at 230 V rated value114 kW- at 690 V rated value104 kW- at 690 V rated value104 kW- at 690 V rated value167 kW- at 690 V rated value167 kW- at 690 V rated value65 kWOperating power for approx. 20000 operating cycles at AC-445 kW• at 400 V rated value45 kW• at 690 V rated value13 WPower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor13 W	— at 110 V rated value	160 A
• at AC-170 kW- at 230 V at 60 °C rated value70 kW- at 400 V rated value121 kW- at 690 V rated value210 kW- at 600 V at 60 °C rated value165 W- at 1000 V at 60 °C rated value165 W- at AC-2 at 400 V rated value104 kW- at 230 V rated value61 kW- at 230 V rated value104 kW- at 230 V rated value104 kW- at 400 V rated value104 kW- at 690 V rated value104 kW- at 690 V rated value167 kW- at 690 V rated value167 kW- at 690 V rated value65 kWOperating power for approx. 200000 operating cycles at AC-41 480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor13 W	— at 24 V rated value	160 A
at 230 V at 60 °C rated value70 kW at 400 V rated value121 kW at 690 V rated value210 kW at 600 V at 60 °C rated value210 kW at 1000 V at 60 °C rated value165 W at 1000 V rated value104 kW at 230 V rated value104 kW at 230 V rated value61 kW at 230 V rated value104 kW at 230 V rated value104 kW at 400 V rated value104 kW at 690 V rated value167 kW at 690 V rated value167 kW at 1000 V rated value90 WOperating power for approx. 200000 operating cycles at AC-445 kW at 690 V rated value65 kW at 690 V rated value132 kW at 690 V rated value133 W	Operating power	
at 400 V rated value121 kW at 690 V rated value210 kW at 690 V at 60 °C rated value210 kW at 1000 V at 60 °C rated value165 W at 100 V at 60 °C rated value104 kW at 230 V rated value104 kW at 230 V rated value61 kW at 230 V rated value104 kW at 690 V rated value104 kW at 690 V rated value104 kW at 690 V rated value167 kW at 1000 V rated value90 WOperating power for approx. 20000 operating cycles at AC-4 at 400 V rated value45 kW at 690 V rated value65 kW at 690 V rated value13 W	• at AC-1	
at 690 V rated value210 kW at 690 V at 60 °C rated value210 kW at 1000 V at 60 °C rated value165 W at 1000 V at 60 °C rated value104 kW at 230 V rated value104 kW at 230 V rated value104 kW at 230 V rated value104 kW at 400 V rated value104 kW at 690 V rated value104 kW at 690 V rated value132 kW at 690 V rated value167 kW at 1000 V rated value90 WOperating power for approx. 200000 operating cycles at AC-445 kW at 400 V rated value45 kW at 400 V rated value45 kW at 690 V rated value132 kW at 400 V rated value132 kW at 1000 V rated value167 kW at 400 V rated value167 kW at 400 V rated value167 kW at 400 V rated value13 kW at 400 V rated value1480 A at 400 V rated value13 W at 690 V rated value13 W at 690 V rated value13 W at 690 V rated value13 W	— at 230 V at 60 °C rated value	70 kW
- at 690 V at 60 °C rated value210 kW- at 1000 V at 60 °C rated value165 W- at 1000 V at 60 °C rated value104 kW• at AC-2 at 400 V rated value61 kW- at 230 V rated value61 kW- at 230 V rated value104 kW- at 400 V rated value104 kW- at 500 V rated value132 kW- at 690 V rated value167 kW- at 1000 V rated value90 WOperating power for approx. 200000 operating cycles at AC-445 kW• at 400 V rated value65 kWThermal short-time current limited to 10 s1 480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor13 W	— at 400 V rated value	121 kW
In a tool of all of or lated value165 W- at 1000 V at 60 °C rated value165 W• at AC-2 at 400 V rated value104 kW• at AC-3 at 230 V rated value61 kW- at 400 V rated value104 kW- at 500 V rated value104 kW- at 690 V rated value167 kW- at 1000 V rated value90 WOperating power for approx. 200000 operating cycles at AC-4167 kW• at 400 V rated value90 WOperating power for approx. 200000 operating cycles at AC-445 kW• at 400 V rated value65 kWThermal short-time current limited to 10 s1 480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor13 W	— at 690 V rated value	210 kW
• at AC-2 at 400 V rated value104 kW• at AC-3 at 230 V rated value61 kW- at 400 V rated value104 kW- at 500 V rated value132 kW- at 690 V rated value167 kW- at 1000 V rated value90 WOperating power for approx. 20000 operating cycles at AC-445 kW• at 400 V rated value65 kW• at 400 V rated value1480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor13 W	— at 690 V at 60 °C rated value	210 kW
	— at 1000 V at 60 °C rated value	165 W
- at 230 V rated value61 kW- at 400 V rated value104 kW- at 500 V rated value132 kW- at 690 V rated value167 kW- at 1000 V rated value90 WOperating power for approx. 200000 operating cycles at AC-445 kW• at 400 V rated value45 kW• at 690 V rated value1480 AThermal short-time current limited to 10 s1 480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor13 W	• at AC-2 at 400 V rated value	104 kW
at 400 V rated value104 kW at 500 V rated value132 kW at 690 V rated value167 kW at 1000 V rated value90 WOperating power for approx. 200000 operating cycles at AC-445 kW- at 400 V rated value45 kW- at 690 V rated value65 kWThermal short-time current limited to 10 s1 480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor13 W	• at AC-3	
at 500 V rated value132 kW at 690 V rated value167 kW at 1000 V rated value90 WOperating power for approx. 200000 operating cycles at AC-445 kW- at 400 V rated value45 kW- at 690 V rated value65 kW- at 690 V rated value132 kW- at 690 V rated value137 kW- at 690 V rated value138 kW at 690 V rated value138 kW	— at 230 V rated value	61 kW
at 690 V rated value167 kW at 1000 V rated value90 WOperating power for approx. 200000 operating cycles at AC-445 kW• at 400 V rated value45 kW• at 690 V rated value65 kWThermal short-time current limited to 10 s1 480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor13 WNo-load switching frequency	— at 400 V rated value	104 kW
at 1000 V rated value90 WOperating power for approx. 200000 operating cycles at AC-445 kW• at 400 V rated value45 kW• at 690 V rated value65 kWThermal short-time current limited to 10 s1 480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor13 WNo-load switching frequency65 kW	— at 500 V rated value	132 kW
Operating power for approx. 200000 operating cycles at AC-445 kW• at 400 V rated value45 kW• at 690 V rated value65 kWThermal short-time current limited to 10 s1 480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor13 WNo-load switching frequency65 kW	— at 690 V rated value	167 kW
at AC-445 kW• at 400 V rated value45 kW• at 690 V rated value65 kWThermal short-time current limited to 10 s1 480 APower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor13 WNo-load switching frequency• • • • • • • • • • • • • • • • • • •	— at 1000 V rated value	90 W
Thermal short-time current limited to 10 s 1 480 A Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 13 W No-load switching frequency		45 kW
Power loss [W] at AC-3 at 400 V for rated value of 13 W the operating current per conductor 13 W No-load switching frequency 14 W	• at 690 V rated value	65 kW
the operating current per conductor No-load switching frequency	Thermal short-time current limited to 10 s	1 480 A
No-load switching frequency	Power loss [W] at AC-3 at 400 V for rated value of	13 W
	the operating current per conductor	
• at AC 2 000 1/h	No-load switching frequency	
	• at AC	2 000 1/h

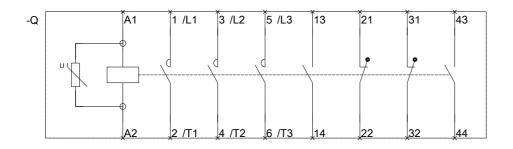
• at DC	2 000 1/h
Operating frequency	
• at AC-1 maximum	800 1/h
● at AC-2 maximum	300 1/h
● at AC-3 maximum	750 1/h
• at AC-4 maximum	130 1/h
Control circuit/ Control	
Type of voltage of the control supply voltage	AC/DC
Control supply voltage at AC	440 407.14
• at 50 Hz rated value	110 127 V
at 60 Hz rated value	110 127 V
Control supply voltage at DC	440 40714
• rated value	110 127 V
Operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.8 1.1
Design of the surge suppressor	with varistor
Closing power of magnet coil at DC	360 W
Holding power of magnet coil at DC	5.2 W
Closing delay	
• at AC	20 95 ms
• at DC	20 95 ms
Opening delay	
• at AC	40 60 ms
• at DC	40 60 ms
Arcing time	10 15 ms
Auxiliary circuit	
Number of NC contacts	
 for auxiliary contacts 	
— instantaneous contact	2
Number of NO contacts	
 for auxiliary contacts 	
— instantaneous contact	2
Operating current at AC-12 maximum	10 A
Operating current at AC-15	
• at 230 V rated value	6 A
• at 400 V rated value	3 A
Operating current at DC-12	
• at 60 V rated value	6 A
• at 110 V rated value	3 A

• at 220 V rated value	1 A
Operating current at DC-13	
• at 24 V rated value	10 A
• at 60 V rated value	2 A
• at 110 V rated value	1 A
• at 220 V rated value	0.3 A
UL/CSA ratings	
Contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
Design of the fuse link	
 for short-circuit protection of the main circuit 	
— with type of coordination 1 required	fuse gL/gG: 355 A
— with type of assignment 2 required	fuse gL/gG: 315 A
 for short-circuit protection of the auxiliary switch 	fuse gL/gG: 10 A
required	
Installation/ mounting/ dimensions	
Mounting type	screw fixing
 Side-by-side mounting 	Yes
Height	172 mm
Width	120 mm
Depth	170 mm
Required spacing	
 for grounded parts 	
— at the side	10 mm
Connections/Terminals	
Type of electrical connection	
 for main current circuit 	spring-loaded terminals
 for auxiliary and control current circuit 	spring-loaded terminals
Type of connectable conductor cross-sections	
• at AWG conductors for main contacts	4 250 kcmil
Type of connectable conductor cross-sections	
 for auxiliary contacts 	
— solid	2x (0.25 2.5 mm²)
 finely stranded with core end processing 	2x (0.25 1.5 mm²)
 finely stranded without core end processing 	2x (0.25 2.5 mm²)
 at AWG conductors for auxiliary contacts 	2x (24 14)
Certificates/approvals	



SIEMENS

3RT105_-2A__6



3RT106.-.A..6_0 3RT107.-.A..6_0

last modified:

03/15/2017