SIEMENS

Data sheet

3RT1044-1AP04

Power contactor, AC-3 65 A, 30 kW / 400 V 230 V AC, 50 Hz, 2 NO + 2 NC 3-pole, Size S3, Screw terminal !!! Phased-out product !!! Successor is SIRIUS 3RT2 Preferred successor type is >>3RT2037-1AP04<<



Product brand name	SIRIUS
Product designation	power contactor
General technical data	
Size of contactor	S3
Insulation voltage	
 rated value 	1 000 V
Degree of pollution	3
Surge voltage resistance rated value	6 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	IP20; IP20 on the front with cover / box terminal
• of the terminal	IP00
Shock resistance at rectangular impulse	
• at AC	6,8g / 5 ms, 4g / 10 ms
Shock resistance with sine pulse	
• at AC	10,6g / 5 ms, 6,2g / 10 ms
Mechanical service life (switching cycles)	

of contactor typical 10 000 000	
• of the contactor with added electronics- 5 000 000 compatible auxiliary switch block typical	
• of the contactor with added auxiliary switch 10 000 000 block typical	
Reference code acc. to DIN EN 81346-2 Q	
Ambient conditions	
Installation altitude at height above sea level	
• maximum 2 000 m	
Ambient temperature	
• during operation -25 +60 °C	
• during storage -55 +80 °C	
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 100 A	
• at AC-1	
— up to 690 V at ambient temperature 40 °C 100 A rated value	
— up to 690 V at ambient temperature 60 °C 90 A rated value	
— up to 1000 V at ambient temperature 40 °C 50 A rated value	
— up to 1000 V at ambient temperature 60 °C 40 A rated value	
• at AC-3	
- at 400 V rated value 65 A	
— at 690 V rated value 47 A	
- at 1000 V rated value 25 A	
• at AC-4 at 400 V rated value 55 A	
Connectable conductor cross-section in main circuit at AC-1	
• at 60 °C minimum permissible 35 mm ²	
• at 40 °C minimum permissible 35 mm ²	
Operating current for approx. 200000 operating	
cycles at AC-4	
cycles at AC-4	

• at 14 virated value 9 - at 14 Virated value 4.5 A • with 2 current paths in series at DC-1 90 A - at 24 Virated value 90 A - at 140 Virated value 90 A - at 140 Virated value 90 A - at 24 Virated value 90 A - at 10 Virated value 90 A - at 10 Virated value 90 A - at 10 Virated value 90 A - at 24 Virated value 90 A - at 10 Virated value 90 A - at 10 Virated value 90 A - at 24 Virated value 90 A - at 24 Virated value 90 A - at 10 Virated value 90 A - at 24 Virated value 90 A - at 230 Virated value 102 kW - at 230 Virated value 102 kW - at 230 Virated value 102 kW - at 400 Virated value 102 kW		
Instruction4.5 Å- at 110 V rated value90 Å- at 24 V rated value90 Å- at 110 V rated value90 Å- at 110 V rated value90 Å- at 24 V rated value90 Å- at 124 V rated value90 Å- at 110 V rated value2.5 Å- at 24 V rated value90 Å- at 24 V rated value90 Å- at 110 V rated value90 Å- at 24 V rated value90 Å- at 210 V rated value90 Å- at 220 V rated value90 Å- at 220 V at 60 °C rated value102 kW- at 690 V rated value102 kW- at 690 V rated value102 kW- at 400 V rated value30 kW- at 690 V rated value45 kW- at 690 V rated value30 kW- at 690 V rated value45 kW- at 690 V	 at 1 current path at DC-1 	
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	— at 110 V rated value	4.5 A
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with 3 current paths in series at DC-190 A- at 24 V rated value90 A- at 110 V rated value90 AOperating current90 A- at 124 V rated value40 A- at 24 V rated value40 A- at 110 V rated value2.5 Awith 2 current path in series at DC-3 at DC-390 A- at 24 V rated value90 A- at 250 V rated value90 A- at 230 V rated value102 kW- at 690 V rated value30 kW- at 690 V rated value30 kW- at 230 V rated value30 kW- at 400 V rated value30 kW- at 690 V rated value30 kW- at 690 V rated value30 kW- at 690 V rated value <t< td=""><td>— at 24 V rated value</td><td>90 A</td></t<>	— at 24 V rated value	90 A
- at 24 V rated value90 Å- at 110 V rated value90 ÅOperating current40 Å- at 24 V rated value40 Å- at 124 V rated value2.5 Å- at 110 V rated value90 Å- at 24 V rated value90 Å- at 230 V rated value90 Å- at 230 V rated value102 kW- at 400 V rated value102 kW- at 690 V rated value102 kW- at 690 V rated value102 kW- at 300 V rated value30 kW- at 300 V rated value18.5 kW- at 300 V rated value30 kW- at 300 V rated value30 kW- at 600 V rated value30 kW- at 600 V rated value30 kW- at 600 V rated value15.1 kW- at 600 V rated value16.8 kW- at 600 V rated value16.0 kW- at 600 V rated value16.0	— at 110 V rated value	90 A
	 with 3 current paths in series at DC-1 	
Operating currentA constrained of the second of	— at 24 V rated value	90 A
 at 1 current path at DC-3 at DC-5 at 24 V rated value at 110 V rated value at 110 V rated value at 24 V rated value at 24 V rated value 90 A at 24 V rated value 90 A at 110 V rated value 90 A at 24 V rated value 90 A at 230 V at 60 °C rated value 90 A at 4C-1 at 600 V rated value 102 kW at 600 V rated value 102 kW at 600 V rated value 102 kW at 100 V rated value 102 kW at AC-3 at AC-4 at 600 V rated value 30 kW at AC-3 at 600 V rated value 30 kW at 400 V rated value 45 kW at 400 V rated value 50 kW at 400 V rated value 18.5 kW at 400 V rated value 18.6 kW AC-4 at 400 V rated value 18.6 kW AC-4 at 600 V rated value 18.6 kW AC-4 bi 00 A Nordea witchi	— at 110 V rated value	90 A
- at 24 V rated value40 A- at 110 V rated value2.5 A• with 2 current paths in series at DC-3 at DC-590 A- at 24 V rated value90 A• att 110 V rated value90 A• att 24 V rated value90 A- at 230 V rated value34 kW- at 400 V rated value59 kW- at 690 V rated value102 kW- at 690 V rated value102 kW- at 690 V rated value60 W- at 600 V rated value30 kW- at 230 V rated value30 kW- at 690 V rated value15.1 kW- at 690 V rated value86 kW- at 690 V rated valu	Operating current	
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 with 2 current paths in series at DC-3 at DC-5 at 24 V rated value at 110 V rated value 90 A at 110 V rated value 90 A with 3 current paths in series at DC-3 at DC-5 at 24 V rated value 90 A at 110 V rated value 90 A at 24 V rated value 90 A at AC-1 at 230 V rated value 34 kW at 60° C rated value 102 kW at 60° C rated value 102 kW at 60° C rated value 66 W at AC-3 at AC-3 at AC-3 at 230 V rated value 30 kW at AC-3 at 230 V rated value 30 kW at 400 V rated value 30 kW at 60° C rated value at 600 V rated value 30 kW at 400 V rated value at 600 V rated value bit 8.5 kW at 400 V rated value bit 8.5 kW at 400 V rated value bit 8.5 kW bit 600 V rated value bit 8.5 kW	— at 24 V rated value	40 A
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at 110 V rated value90 A• with 3 current paths in series at DC-3 at DC-590 A at 24 V rated value90 A- at 110 V rated value90 A- at 110 V rated value90 A- at 230 V at 60 °C rated value34 kW- at 400 V rated value59 kW- at 690 V rated value102 kW- at 690 V rated value102 kW- at 690 V rated value66 W- at 1000 V at 60 °C rated value30 kW- at 230 V rated value30 kW- at 320 V rated value30 kW- at 400 V rated value30 kW- at 690 V rated value50 kW- at 690 V rated value60 A- at 690 V rated value15.1 kW- at 690 V rated value60 A- at 690 V rated value60 A- at 600 V rated value60 A- at 600 V rated value5000 1/h </td <td> with 2 current paths in series at DC-3 at DC-5 </td> <td></td>	 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 24 V rated value 90 A 90 A at 10 V rated value 90 A Operating power at AC-1 at AC-1 at AC-1 at 400 V rated value 34 kW at 690 V rated value at AC-2 at 400 V rated value at AC-3 at AC-3 at AC0 V rated value at AC0 V rated value bt NW at AC-3 at 400 V rated value bt NW bt AC-4 bt ADV V rated value bt NW bt ADV V rated value bt NW bt ADV V rated value bt N	— at 24 V rated value	90 A
	— at 110 V rated value	90 A
at 110 V rated value90 AOperating power at AC-1 at 230 V at 60 °C rated value34 kW- at 400 V rated value59 kW- at 690 V rated value102 kW- at 690 V at 60 °C rated value102 kW- at 600 V at 60 °C rated value66 W- at 1000 V at 60 °C rated value30 kW- at 230 V rated value30 kW- at 690 V rated value15.1 kW- at 690 V rated value18.6 kW- at 690 V rated value600 ANo-lead switching frequency600 A- at AC5000 1/h	 with 3 current paths in series at DC-3 at DC-5 	
Operating power• at AC-1- at 230 V at 60 °C rated value34 kW- at 400 V rated value59 kW- at 690 V rated value102 kW- at 690 V rated value66 W- at 1000 V at 60 °C rated value30 kW• at AC-2 at 400 V rated value30 kW• at AC-3 at 230 V rated value30 kW- at 230 V rated value30 kW• at AC-3 at 230 V rated value30 kW- at 400 V rated value30 kW- at 690 V rated value30 kW- at 690 V rated value30 kW- at 690 V rated value30 WOperating power for approx. 20000 operating cycles at AC-415.1 kW• at 400 V rated value15.1 kW• at 690 V rated value600 AThermal short-time current limited to 10 s600 ANo-load switching frequency • at AC5000 1/h	— at 24 V rated value	90 A
• at AC-1 34 kW - at 230 V at 60 °C rated value 59 kW - at 690 V rated value 102 kW - at 690 V rated value 102 kW - at 690 V at 60 °C rated value 66 W - at 1000 V at 60 °C rated value 30 kW - at 230 V rated value 30 kW - at 400 V rated value 30 kW - at 690 V rated value 30 kW - at 690 V rated value 30 kW - at 690 V rated value 30 W - at 690 V rated value 45 kW - at 690 V rated value 50 W - at 400 V rated value 60 A - at 400 V rated value 15.1 kW - at 690 V rated value 15.1 kW - at 690 V rated value 600 A Thermal short-time current limited to 10 s 600 A No-load switching frequency 5000 1/h - at AC 5000 1/h	— at 110 V rated value	90 A
- at 230 V at 60 °C rated value34 kW- at 400 V rated value59 kW- at 690 V rated value102 kW- at 690 V at 60 °C rated value102 kW- at 1000 V at 60 °C rated value66 W- at 1000 V rated value30 kW+ at AC-2 at 400 V rated value30 kW- at 230 V rated value30 kW- at 230 V rated value30 kW- at 230 V rated value30 kW- at 400 V rated value30 kW- at 690 V rated value15.1 kW- at 400 V rated value18.6 kW- at 400 V rated value18.6 kW- at 690 V rated value500 A- at 400 V rated value500 A- at 400 V rated value500 A- at 400 V rated value5000 1/h	Operating power	
- at 400 V rated value59 kW- at 690 V rated value102 kW- at 690 V at 60 °C rated value102 kW- at 1000 V at 60 °C rated value66 W• at AC-2 at 400 V rated value30 kW• at AC-3 at 230 V rated value18.5 kW- at 230 V rated value30 kW- at 400 V rated value30 kW- at 500 V rated value30 kW- at 690 V rated value30 kW- at 690 V rated value30 kW- at 690 V rated value30 WOperating power for approx. 200000 operating cycles at AC-415.1 kW• at 400 V rated value15.1 kW• at 690 V rated value600 ANo-load switching frequency • at AC5 000 1/h	● at AC-1	
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at 690 V at 60 °C rated value102 kW at 1000 V at 60 °C rated value66 W at 1000 V rated value30 kW at AC-3 at 230 V rated value18.5 kW at 230 V rated value30 kW at 400 V rated value30 kW at 500 V rated value37 kW at 690 V rated value37 kW at 690 V rated value30 W at 1000 V rated value30 W at 1000 V rated value30 W at 690 V rated value30 W at 690 V rated value15.1 kW at 690 V rated value600 A at 690 V rated value5000 1/h	— at 400 V rated value	59 kW
at 1000 V at 60 °C rated value66 W at 1000 V at 60 °C rated value30 kW at AC-2 at 400 V rated value30 kW at 230 V rated value18.5 kW at 230 V rated value30 kW at 400 V rated value30 kW at 690 V rated value37 kW at 690 V rated value30 W at 1000 V rated value30 W at 690 V rated value30 W at 690 V rated value30 W at 690 V rated value15.1 kW at 690 V rated value18.6 kW at 690 V rated value600 A at 690 V rated value5000 1/h	— at 690 V rated value	102 kW
• at AC-2 at 400 V rated value30 kW• at AC-3 at 230 V rated value18.5 kW- at 400 V rated value30 kW- at 500 V rated value37 kW- at 690 V rated value45 kW- at 1000 V rated value30 W• at 400 V rated value18.5 kW- at 690 V rated value30 W• at 400 V rated value60 W• at 400 V rated value15.1 kW• at 400 V rated value15.1 kW• at 400 V rated value600 A• at AC-45000 1/h	— at 690 V at 60 °C rated value	102 kW
	— at 1000 V at 60 °C rated value	66 W
- at 230 V rated value18.5 kW- at 400 V rated value30 kW- at 500 V rated value37 kW- at 690 V rated value45 kW- at 1000 V rated value30 Wo at 1000 V rated value30 Wo at 400 V rated value15.1 kW• at 400 V rated value18.6 kW• at 690 V rated value600 ANo-load switching frequency • at AC5 000 1/h• at AC5 000 1/h	• at AC-2 at 400 V rated value	30 kW
at 400 V rated value30 kW at 500 V rated value37 kW at 690 V rated value45 kW at 1000 V rated value30 WOperating power for approx. 200000 operating cycles at AC-451 kW• at 400 V rated value15.1 kW• at 690 V rated value600 AThermal short-time current limited to 10 s600 ANo-load switching frequency5 000 1/h	• at AC-3	
at 500 V rated value37 kW at 690 V rated value45 kW at 1000 V rated value30 WOperating power for approx. 200000 operating cycles at AC-451 kW- at 400 V rated value15.1 kW- at 690 V rated value18.6 kW- at 690 V rated value600 AThermal short-time current limited to 10 s600 ANo-load switching frequency - at AC5 000 1/hOperating frequency5 000 1/h	— at 230 V rated value	18.5 kW
at 690 V rated value45 kW at 1000 V rated value30 WOperating power for approx. 200000 operating cycles at AC-450 kW• at 400 V rated value15.1 kW• at 690 V rated value18.6 kW• at 690 V rated value600 AThermal short-time current limited to 10 s600 ANo-load switching frequency • at AC5 000 1/h• at AC5 000 1/h	— at 400 V rated value	30 kW
at 1000 V rated value30 WOperating power for approx. 200000 operating cycles at AC-430 W• at 400 V rated value15.1 kW• at 690 V rated value18.6 kW• at 690 V rated value600 ANo-load switching frequency • at AC5 000 1/h• at AC5 000 1/h	— at 500 V rated value	37 kW
Operating power for approx. 200000 operating cycles at AC-415.1 kW• at 400 V rated value15.1 kW• at 690 V rated value18.6 kWThermal short-time current limited to 10 s600 ANo-load switching frequency • at AC5 000 1/hOperating frequency5 000 1/h	— at 690 V rated value	45 kW
at AC-4Is.1 kW• at 400 V rated value15.1 kW• at 690 V rated value18.6 kWThermal short-time current limited to 10 s600 ANo-load switching frequency • at AC5 000 1/hOperating frequency5 000 1/h	— at 1000 V rated value	30 W
• at 400 V rated value15.1 kW• at 690 V rated value18.6 kWThermal short-time current limited to 10 s600 ANo-load switching frequency5 000 1/h• at AC5 000 1/h		
• at 690 V rated value18.6 kWThermal short-time current limited to 10 s600 ANo-load switching frequency • at AC5 000 1/hOperating frequency5 000 1/h		
Thermal short-time current limited to 10 s 600 A No-load switching frequency at AC Operating frequency Example to the total of total of the total of to		
No-load switching frequency • at AC 5 000 1/h		
• at AC 5 000 1/h Operating frequency		600 A
Operating frequency		5 000 4/h
		5 000 1/n
• at AC-1 maximum 1 000 1/h		1 000 1/h
	• at AC-1 maximum	1 000 1/n

	400 4/h
• at AC-2 maximum	400 1/h
• at AC-3 maximum	1 000 1/h
• at AC-4 maximum	300 1/h
Control circuit/ Control	
Type of voltage of the control supply voltage	AC
Control supply voltage at AC	
• at 50 Hz rated value	230 V
Control supply voltage frequency	
• 1 rated value	50 Hz
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	218 V·A
Inductive power factor with closing power of the coil	0.61
Apparent holding power of magnet coil at AC	21 V·A
Inductive power factor with the holding power of the	0.26
coil	
Closing delay	
• at AC	16 57 ms
Opening delay	
• at AC	10 19 ms
Aroing time	10 15 ms
Arcing time	10 13 113
Auxiliary circuit	10 13 115
-	
Auxiliary circuit	2
Auxiliary circuit Number of NC contacts for auxiliary contacts	
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact	
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts	2
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts • instantaneous contact	2 2
Auxiliary circuit Number of NC contacts for auxiliary contacts instantaneous contact Number of NO contacts for auxiliary contacts instantaneous contact Operating current at AC-12 maximum	2 2
Auxiliary circuit Number of NC contacts for auxiliary contacts instantaneous contact Number of NO contacts for auxiliary contacts instantaneous contact Operating current at AC-12 maximum Operating current at AC-15	2 2 10 A
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts • instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 • at 230 V rated value	2 2 10 A 6 A
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts • instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 • at 230 V rated value • at 400 V rated value	2 2 10 A 6 A
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts • instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 • at 230 V rated value • at 400 V rated value Operating current at DC-12	2 2 10 A 6 A 3 A
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts • instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 • at 230 V rated value • at 400 V rated value Operating current at DC-12 • at 60 V rated value	2 2 10 A 6 A 3 A 6 A
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts • instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 • at 230 V rated value • at 400 V rated value • at 60 V rated value • at 110 V rated value	2 2 10 A 6 A 3 A 6 A 3 A
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts • instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 • at 230 V rated value • at 400 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value	2 2 10 A 6 A 3 A 6 A 3 A
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts • instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 • at 230 V rated value • at 400 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value	2 2 10 A 6 A 3 A 6 A 3 A 1 A
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts • instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 • at 230 V rated value • at 400 V rated value Operating current at DC-12 • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 24 V rated value	2 2 10 A 6 A 3 A 6 A 3 A 1 A 10 A
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts • instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 • at 230 V rated value • at 400 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 24 V rated value • at 60 V rated value • at 210 V rated value • at 60 V rated value • at 60 V rated value • at 60 V rated value • at 110 V rated value • at 110 V rated value	2 2 10 A 6 A 3 A 6 A 3 A 1 A 10 A 2 A
Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact Number of NO contacts for auxiliary contacts • instantaneous contact Operating current at AC-12 maximum Operating current at AC-15 • at 230 V rated value • at 400 V rated value • at 60 V rated value • at 110 V rated value • at 220 V rated value • at 24 V rated value • at 24 V rated value • at 60 V rated value	2 2 10 A 6 A 3 A 6 A 3 A 1 A

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: 250 A
 — with type of assignment 2 required 	fuse gL/gG: 125 A
 for short-circuit protection of the auxiliary switch required 	fuse gL/gG: 10 A
nstallation/ mounting/ dimensions	
Mounting type	screw and snap-on mounting onto 35 mm and 75 mm standard mounting rail
Side-by-side mounting	Yes
Height	146 mm
Width	70 mm
Depth	188 mm
Required spacing	
 for grounded parts 	
— at the side	6 mm
Connections/ Terminals	
Type of electrical connection	
 for main current circuit 	screw-type terminals
 for auxiliary and control current circuit 	screw-type terminals
Type of connectable conductor cross-sections	
• for main contacts	
	2x (2.5 16 mm²)
• for main contacts	2x (2.5 16 mm²) 2x (10 50 mm²)
• for main contacts — solid	
 for main contacts — solid — stranded 	2x (10 50 mm²)
 for main contacts — solid — stranded — single or multi-stranded 	2x (10 50 mm²) 2x (2,5 16 mm²)
 for main contacts solid stranded single or multi-stranded finely stranded with core end processing finely stranded without core end 	2x (10 50 mm²) 2x (2,5 16 mm²) 2x (2.5 35 mm²)
 for main contacts — solid — stranded — single or multi-stranded — finely stranded with core end processing — finely stranded without core end processing 	2x (10 50 mm ²) 2x (2,5 16 mm ²) 2x (2.5 35 mm ²) 2x (10 35 mm ²)
 for main contacts solid stranded single or multi-stranded finely stranded with core end processing finely stranded without core end processing at AWG conductors for main contacts 	2x (10 50 mm ²) 2x (2,5 16 mm ²) 2x (2.5 35 mm ²) 2x (10 35 mm ²)
 for main contacts solid stranded single or multi-stranded finely stranded with core end processing finely stranded without core end processing at AWG conductors for main contacts Type of connectable conductor cross-sections 	2x (10 50 mm ²) 2x (2,5 16 mm ²) 2x (2.5 35 mm ²) 2x (10 35 mm ²) 2x (10 1/0)
 for main contacts solid stranded single or multi-stranded finely stranded with core end processing finely stranded without core end processing at AWG conductors for main contacts Type of connectable conductor cross-sections for auxiliary contacts 	2x (10 50 mm ²) 2x (2,5 16 mm ²) 2x (2.5 35 mm ²) 2x (10 35 mm ²) 2x (10 1/0)
 for main contacts solid stranded single or multi-stranded finely stranded with core end processing finely stranded without core end processing at AWG conductors for main contacts Type of connectable conductor cross-sections for auxiliary contacts solid 	2x (10 50 mm ²) 2x (2,5 16 mm ²) 2x (2.5 35 mm ²) 2x (10 35 mm ²) 2x (10 1/0) 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), max. 2x (0.75 4 mm ²)

General Prod	uct Approval			EMC	Functional Safety/Safety of Machinery
	CSA CSA		EHC	RCM	Type Examination Certificate
Declaration of	f Conformity	Test Certificates	;	Marine / Shippin	g
EG-Konf.	Miscellaneous	Special Test Certi- ficate	Type Test Certific- ates/Test Report	SUCAN BUTTON	Lloyd's Kegister
				ABS	LRS
Marine / Ship	ping	other		ABS Railway	

urther information

Information- and Downloadcenter (Catalogs, Brochures,...) www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1044-1AP04

Cax online generator

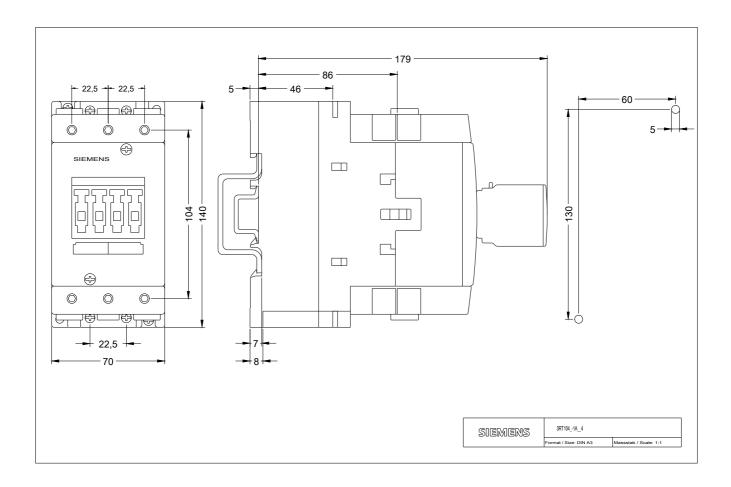
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1044-1AP04

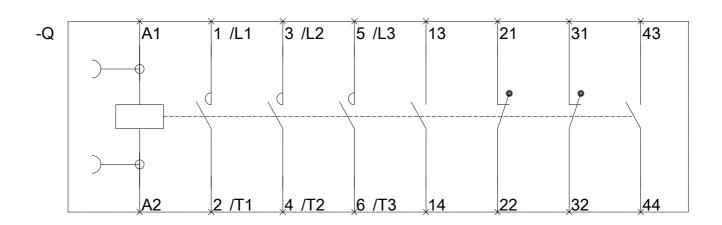
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT1044-1AP04

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1044-1AP04&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT1044-1AP04/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1044-1AP04&objecttype=14&gridview=view1





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