# **SIEMENS**

Data sheet 3RT1045-1AG20

Power contactor, AC-3 80 A, 37 kW / 400 V 110 V AC, 50/60 Hz 3-pole, Size S3 Screw terminal !!! Phased-out product !!! Successor is SIRIUS 3RT2 Preferred successor type is >>3RT2038-1AG20<<



product brand name	SIRIUS
Product designation	power contactor

	·
General technical data	
Size of contactor	S3
<ul> <li>Insulation voltage rated value</li> </ul>	1 000 V
Degree of pollution	3
Surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	
<ul> <li>between coil and main contacts acc. to EN 60947-1</li> </ul>	690 V
• protection class IP on the front	IP20; IP20 on the front with cover / box terminal
Protection class IP 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

<ul> <li>of the contactor with added electronics- compatible 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 acc. to DIN EN 81346-2	Q

Reference code acc. to DIN EN 81346-2	Q
Neighblide code acc. to Diff EIV 01340-2	w.
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
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	120 A
• at AC-1	
<ul> <li>up to 690 V at ambient temperature 40 °C rated value</li> </ul>	120 A
<ul> <li>up to 690 V at ambient temperature 60 °C rated value</li> </ul>	100 A
— up to 1000 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	60 A
— up to 1000 V at ambient temperature 60 $^{\circ}\text{C}$ rated value	50 A
• at AC-3	
— at 400 V rated value	80 A
— at 690 V rated value	58 A
— at 1000 V rated value	30 A
• at AC-4 at 400 V rated value	66 A
Connectable conductor cross-section in main circuit at AC-1	
• at 60 °C minimum permissible	35 mm²
• at 40 °C minimum permissible	50 mm²
Operating current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	34 A
• at 690 V rated value	22 A
Operating current	

• at 1 current path at DC-1

— at 24 V rated value 9A  ■ with 2 current paths in series at DC-1  — at 24 V rated value 100 A  ■ with 3 current paths in series at DC-1  — at 24 V rated value 100 A  ■ with 3 current paths in series at DC-1  — at 24 V rated value 100 A  — at 110 V rated value 100 A  — at 110 V rated value 100 A  Operating current  ■ at 1 current path at DC-3 at DC-5  — at 24 V rated value 2.5 A  ■ with 2 current paths in series at DC-3 at DC-5  — at 24 V rated value 100 A  — at 110 V rated value 100 A  ■ at 110 V rated value 100 A  — at 110 V rated value 100 A  — at 110 V rated value 100 A  — at 24 V rated value 100 A  — at 24 V rated value 100 A  — at 110 V rated value 100 A  Operating power  ■ at AC-1  — at 230 V at 60 °C rated value 114 kW  — at 680 V rated value 114 kW  — at 680 V rated value 114 kW  — at 100 V rated value 114 kW  — at 100 V rated value 12 kW  — at 400 V rated value 14 kW  — at 500 V rated value 15 kW  — at 400 V rated value 15 kW  — at 300 V rated value 15 kW  — at 400 V rated value 15 kW  — at 500 V rated value 15 kW  — at 500 V rated value 15 kW  — at 690 V rated value 17 kW  — at 690 V rated value 100 to 60 kW  — at 690 V rated value 100 to 60 kW  — at 690 V rated value 100 to 60 kW  — at 690 V rated value 100 to 60 kW  — at 690 V rated value 100 to 60 kW  — at 690 V rated value 100 to 60 kW  — at 690 V rated value 100 to 6		
• with 2 current paths in series at DC-1 — 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 — at 24 V rated value — at 110 V rated value — at 24 V rated value — at 110 V rated value — at 24 V rated value — at 24 V rated value — at 110 V rated value — at 120 V rated value — at 120 V rated value — at 120 V rated value — at 230 V at 60 °C rated value — at 690 V rated value — at 400 V rated value — at 500 V rated value — at 690 V rated value —	— at 24 V rated value	100 A
	— at 110 V rated value	9 A
- at 110 V rated value  • with 3 current paths in series at DC-1  — at 24 V rated value — at 110 V rated value — at 110 V rated value  • at 1 current path at DC-3 at DC-5 — at 24 V rated value — at 110 V rated value — at 24 V rated value — at 24 V rated value — at 24 V rated value — at 25 A  • with 3 current paths in series at DC-3 at DC-5 — at 24 V rated value — at 25 V rated value — at 260 V rated value — at 400 V rated value — at 400 V rated value — at 690 V rated value — at 690 V rated value — at 690 V rated value — at 400 V rated value — at 400 V rated value — at 400 V rated value — at 220 V rated value — at 400 V rated value — 37 kW — at 4C-3 — at 230 V rated value — at 690	<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
with 3 current paths in series at DC-1     — at 24 V rated value	— at 24 V rated value	100 A
	— at 110 V rated value	100 A
— at 110 V rated value 100 A  Operating current	<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
Operating current              ◆ 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 110 V rated value	— at 24 V rated value	100 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     • with 2 current paths in series at DC-3 at DC-5     — at 24 V rated value     — at 110 V rated value     100 A     • with 3 current paths in series at DC-3 at DC-5     — at 24 V rated value     100 A     • with 3 current paths in series at DC-3 at DC-5     — at 24 V rated value     100 A     — at 110 V rated value     100 A     Operating power     • at AC-1     — at 230 V at 60 °C rated value     — at 400 V rated value     — at 690 V rated value     — at 690 V rated value     — at 1000 V at 60 °C rated value     — at 1000 V rated value     — at AC-2 at 400 V rated value     • at AC-3     — at 230 V rated value     37 kW     • at AC-3     — at 230 V rated value     37 kW     — at 900 V rated value     37 kW     37 kW     38 k	— at 110 V rated value	100 A
- at 24 V rated value 2.5 A  • with 2 current paths in series at DC-3 at DC-5  - at 24 V rated value 100 A  - at 110 V rated value 100 A  • with 3 current paths in series at DC-3 at DC-5  - at 24 V rated value 100 A  • with 3 current paths in series at DC-3 at DC-5  - at 24 V rated value 100 A  • with 3 current paths in series at DC-3 at DC-5  - at 24 V rated value 100 A  Operating power  • at AC-1  - at 230 V at 60 °C rated value 66 kW  - at 400 V rated value 114 kW  - at 690 V at 60 °C rated value 82 W  • at AC-2 at 400 V rated value 37 kW  • at AC-2 at 400 V rated value 37 kW  • at AC-3  - at 230 V rated value 22 kW  - at 400 V rated value 37 kW  • at AC-0 V rated value 45 kW  - at 500 V rated value 37 kW  - at 500 V rated value 37 kW  - at 690 V rated value 37 kW  - at 690 V rated value 45 kW  - at 690 V rated value 37 kW  - at 690 V rated value 21 kW  - at 690 V rated value 37 kW  - at 690 V rated value 25 kW  - at 690 V rated value 25 kW  - at 690 V rated value 37 kW  - at 690 V rated value 55 kW  - at 690 V rated value 37 kW  - at 690 V rated value 55 kW  - at 690 V rated value 55 kW  - at 400 V rated value 55 kW  - at 690 V rated value 17.9 kW  • at 400 V rated value 21.1 kW  Themal short-time current limited to 10 s 760 A  No-load switching frequency  • at AC-1 maximum 900 1/h	Operating current	
— at 110 V rated value     • with 2 current paths in series at DC-3 at DC-5     — at 24 V rated value     — at 110 V rated value     — at 110 V rated value     — at 110 V rated value     • with 3 current paths in series at DC-3 at DC-5     — at 24 V rated value     • with 3 current paths in series at DC-3 at DC-5     — at 24 V rated value     100 A  Operating power     • at AC-1     — at 230 V at 60 °C rated value     — at 400 V rated value     — at 690 V rated value     — at 690 V rated value     — at 690 V rated value     — at 1000 V at 60 °C rated value     — at 600 V rated value     — at 1000 V at 60 °C rated value     — at 230 V vated value     — at 230 V rated value     • at AC-2 at 400 V rated value     • at AC-3     — at 230 V rated value     — at 500 V rated value     — at 690 V rated value     — at 690 V rated value     — at 600 V rated value     • at 600 V	• at 1 current path at DC-3 at DC-5	
with 2 current paths in series at DC-3 at DC-5	— at 24 V rated value	40 A
- at 24 V rated value - at 110 V rated value 100 A  • with 3 current paths in series at DC-3 at DC-5 - at 24 V rated value 100 A - at 110 V rated value 100 A  Operating power  • at AC-1 - at 230 V at 60 °C rated value - at 400 V rated value - at 690 V rated value - at 690 V rated value - at 690 V rated value - at 1000 V at 60 °C rated value - at 690 V rated value - at 1000 V at 60 °C rated value - at 1000 V at 60 °C rated value - at 400 V rated value - at 37 kW • 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 - 37 kW  Operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value - at 690 V rated value - at 690 V rated value - at 690 V rated value - at 400 V rated value - at 400 V rated value - at 400 V rated value - 37 kW  Operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value - at 690 V rated value - at 690 V rated value - at 690 V rated value - at 400 V rated value - at	— at 110 V rated value	2.5 A
<ul> <li>— at 110 V rated value</li> <li>• with 3 current paths in series at DC-3 at DC-5</li> <li>— at 24 V rated value</li> <li>— 100 A</li> <li>— at 110 V rated value</li> <li>— 100 A</li> <li>Operating power</li> <li>• at AC-1</li> <li>— at 230 V at 60 °C rated value</li> <li>— at 400 V rated value</li> <li>— at 690 V at 60 °C rated value</li> <li>— at 690 V at 60 °C rated value</li> <li>— at 1000 V at 60 °C rated value</li> <li>— at 1000 V at 60 °C rated value</li> <li>82 W</li> <li>• at AC-2 at 400 V rated value</li> <li>• at AC-3</li> <li>— at 230 V rated value</li> <li>— at 400 V rated value</li> <li>— at 400 V rated value</li> <li>— at 500 V rated value</li> <li>— at 500 V rated value</li> <li>— at 690 V rated value</li> <li>— at 690 V rated value</li> <li>— at 400 V rated value</li> <li>— at 400 V rated value</li> <li>— at 690 V rated value</li> <li>— at 690 V rated value</li> <li>— at 400 V rated value</li> <li>— at 400 V rated value</li> <li>— at 690 V rated value</li> <li>— at 600 V rated</li></ul>	• 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	— at 24 V rated value	100 A
- at 24 V rated value 100 A - at 1110 V rated value 100 A  Operating power  • at AC-1  - at 230 V at 60 °C rated value 38 kW - at 400 V rated value 66 kW - at 690 V rated value 114 kW - at 690 V at 60 °C rated value 82 W  • at AC-2 at 400 V rated value 37 kW  • at AC-3  - at 230 V rated value 22 kW - at 400 V rated value 37 kW  • at AC-3  - at 230 V rated value 37 kW  • at AC-0 trated value 37 kW  - at 500 V rated value 37 kW  - at 690 V rated value 55 kW  - at 1000 V rated value 37 kW  Operating power for approx. 200000 operating cycles at AC-4  • at 400 V rated value 17.9 kW  • at 690 V rated value 21.1 kW  Thermal short-time current limited to 10 s 760 A  No-load switching frequency  • at AC 5000 1/h  Operating frequency  • at AC-1 maximum 900 1/h	— at 110 V rated value	100 A
— at 110 V rated value 100 A  Operating power	• with 3 current paths in series at DC-3 at DC-5	
Operating power          • at AC-1	— at 24 V rated value	100 A
• at AC-1  — at 230 V at 60 °C rated value — at 400 V rated value — at 690 V rated value — at 690 V at 60 °C rated value 114 kW — at 690 V at 60 °C rated value 82 W • at AC-2 at 400 V rated value 9 at AC-3 — at 230 V rated value 9 at AC-3 — at 230 V rated value 9 at 400 V rated value 9 at 690 V rated value 9 at 400 V rated value 9 at 690 V rated value 9 at 400 V rated value 9 at 690 V rated value 9 at 400 V ra	— at 110 V rated value	100 A
- at 230 V at 60 °C rated value 66 kW - at 400 V rated value 114 kW - at 690 V rated value 114 kW - at 690 V at 60 °C rated value 82 W • at AC-2 at 400 V rated value 37 kW • at AC-3 - at 230 V rated value 22 kW - at 400 V rated value 37 kW - at 500 V rated value 37 kW - at 500 V rated value 45 kW - at 690 V rated value 55 kW - at 690 V rated value 57 kW - at 1000 V rated value 37 W  Operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value 17.9 kW • at 690 V rated value 21.1 kW  Thermal short-time current limited to 10 s  No-load switching frequency • at AC • at AC-1 maximum 900 1/h	Operating power	
at 400 V rated value 66 kW at 690 V rated value 114 kW at 690 V at 60 °C rated value 82 W  • at AC-2 at 400 V rated value 37 kW • at AC-3 at 230 V rated value 22 kW at 400 V rated value 37 kW at 500 V rated value 37 kW at 500 V rated value 45 kW at 690 V rated value 55 kW at 1000 V rated value 37 W  Operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value 17.9 kW • at 690 V rated value 21.1 kW  Thermal short-time current limited to 10 s 760 A  No-load switching frequency • at AC 5000 1/h  Operating frequency • at AC-1 maximum 900 1/h	● at AC-1	
	— at 230 V at 60 °C rated value	38 kW
at 690 V at 60 °C rated value	— at 400 V rated value	66 kW
- at 1000 V at 60 °C rated value 82 W  • at AC-2 at 400 V rated value 37 kW  • at AC-3  - at 230 V rated value 22 kW  - at 400 V rated value 45 kW  - at 690 V rated value 55 kW  - at 1000 V rated value 37 W  Operating power for approx. 200000 operating cycles at AC-4  • at 400 V rated value 17.9 kW  • at 690 V rated value 21.1 kW  Thermal short-time current limited to 10 s 760 A  No-load switching frequency  • at AC-1 maximum 900 1/h	— at 690 V rated value	114 kW
• at AC-2 at 400 V rated value • at AC-3  — at 230 V rated value — at 400 V rated value — at 500 V rated value — at 690 V rated value — at 1000 V rated value — at 1000 V rated value 37 kW — at 1000 V rated value 37 kW  Operating power for approx. 200000 operating cycles at AC-4  • at 400 V rated value 17.9 kW • at 690 V rated value 21.1 kW  Thermal short-time current limited to 10 s  No-load switching frequency • at AC  • at AC-1 maximum 900 1/h	— at 690 V at 60 °C rated value	114 kW
• at AC-3     — at 230 V rated value     — at 400 V rated value     — at 500 V rated value     — at 690 V rated value     — at 1000 V rated value     — at 1000 V rated value     — at 1000 V rated value     37 W   Operating power for approx. 200000 operating cycles at AC-4     • at 400 V rated value     • at 690 V rated value     • at 690 V rated value     • at 690 V rated value     • at AC-4  No-load switching frequency     • at AC  Operating frequency     • at AC-1 maximum  900 1/h  Operating frequency     • at AC-1 maximum  900 1/h  Operating frequency	— at 1000 V at 60 °C rated value	82 W
- at 230 V rated value - at 400 V rated value 37 kW - at 500 V rated value 45 kW - at 690 V rated value 37 W  Operating power for approx. 200000 operating cycles at AC-4	• at AC-2 at 400 V rated value	37 kW
- at 400 V rated value 37 kW - at 500 V rated value 45 kW - at 690 V rated value 55 kW - at 1000 V rated value 37 W  Operating power for approx. 200000 operating cycles at AC-4	• at AC-3	
- at 500 V rated value 45 kW - at 690 V rated value 37 W  Operating power for approx. 200000 operating cycles at AC-4  • at 400 V rated value 17.9 kW • at 690 V rated value 21.1 kW  Thermal short-time current limited to 10 s 760 A  No-load switching frequency • at AC • at AC-1 maximum 900 1/h	— at 230 V rated value	22 kW
— at 690 V rated value       55 kW         — at 1000 V rated value       37 W         Operating power for approx. 200000 operating cycles at AC-4         • at 400 V rated value       17.9 kW         • at 690 V rated value       21.1 kW         Thermal short-time current limited to 10 s         No-load switching frequency       at AC         • at AC       5 000 1/h         Operating frequency       at AC-1 maximum	— at 400 V rated value	37 kW
— at 1000 V rated value 37 W  Operating power for approx. 200000 operating cycles at AC-4  • at 400 V rated value 17.9 kW  • at 690 V rated value 21.1 kW  Thermal short-time current limited to 10 s 760 A  No-load switching frequency  • at AC 5 000 1/h  Operating frequency  • at AC-1 maximum 900 1/h	— at 500 V rated value	45 kW
Operating power for approx. 200000 operating cycles at AC-4  • at 400 V rated value  • at 690 V rated value  Thermal short-time current limited to 10 s  No-load switching frequency  • at AC  Operating frequency  • at AC-1 maximum  900 1/h	— at 690 V rated value	55 kW
at AC-4  • at 400 V rated value  • at 690 V rated value  21.1 kW  Thermal short-time current limited to 10 s  No-load switching frequency  • at AC  Operating frequency  • at AC-1 maximum  17.9 kW  21.1 kW  760 A  760 A  5 000 1/h	— at 1000 V rated value	37 W
<ul> <li>at 400 V rated value</li> <li>at 690 V rated value</li> <li>21.1 kW</li> <li>Thermal short-time current limited to 10 s</li> <li>No-load switching frequency</li> <li>at AC</li> <li>5 000 1/h</li> <li>Operating frequency</li> <li>at AC-1 maximum</li> <li>900 1/h</li> </ul>	Operating power for approx. 200000 operating cycles	
<ul> <li>at 690 V rated value</li> <li>Thermal short-time current limited to 10 s</li> <li>No-load switching frequency</li> <li>at AC</li> <li>5 000 1/h</li> <li>Operating frequency</li> <li>at AC-1 maximum</li> <li>900 1/h</li> </ul>	at AC-4	
Thermal short-time current limited to 10 s  No-load switching frequency  • at AC  Operating frequency  • at AC-1 maximum  760 A  5 000 1/h  900 1/h	at 400 V rated value	
No-load switching frequency  • at AC  Operating frequency  • at AC-1 maximum  900 1/h	• at 690 V rated value	
• at AC 5 000 1/h  Operating frequency • at AC-1 maximum 900 1/h		760 A
Operating frequency  ● at AC-1 maximum  900 1/h		
• at AC-1 maximum 900 1/h		5 000 1/h
		222.44
• at AC-2 maximum 400 1/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	110 V
• at 60 Hz rated value	110 V
control supply voltage frequency	
• 1 rated value	50 Hz
• 2 rated value	60 Hz
Operating range factor control supply voltage rated	
value of magnet coil at AC	
● at 50 Hz	0.8 1.1
● at 60 Hz	0.85 1.1
Apparent pick-up power of magnet coil at AC	298 V·A
Inductive power factor with closing power of the coil	0.7
Apparent holding power of magnet coil at AC	27 V·A
Inductive power factor with the holding power of the	0.29
coil	
Closing delay	
• at AC	17 90 ms
Opening delay	
• at AC	10 25 ms
Arcing time	10 15 ms
Auxiliary circuit	

Auxiliary circuit	
Number of NC contacts for auxiliary contacts	
• instantaneous contact	0
Number of NO contacts for auxiliary contacts	
• instantaneous contact	0
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

contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)		
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			
<ul> <li>— with type of coordination 1 required</li> </ul>	fuse gL/gG: 250 A		
<ul> <li>— with type of assignment 2 required</li> </ul>	fuse gL/gG: 160 A		
• for short-circuit protection of the auxiliary switch	fuse gL/gG: 10 A		
required			
Installation/ 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	139 mm		
Required spacing			
• for grounded parts			
— at the side	6 mm		
Connections/ Terminals			
<ul> <li>Type of electrical connection for main current circuit</li> </ul>	screw-type terminals		
<ul> <li>Type of electrical connection for auxiliary and control current circuit</li> </ul>	screw-type terminals		
Type of connectable conductor cross-sections			
• for main contacts			
— solid	2x (2.5 16 mm²)		
— stranded	2x (10 50 mm²)		
<ul> <li>single or multi-stranded</li> </ul>	2x (2,5 16 mm²)		
<ul> <li>finely stranded with core end processing</li> </ul>	2x (2.5 35 mm²)		
<ul> <li>finely stranded without core end processing</li> </ul>	2x (10 35 mm²)		
<ul> <li>at AWG conductors for main contacts</li> </ul>	2x (10 1/0)		
Type of connectable conductor cross-sections			
for auxiliary contacts			
— solid	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)		
— finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
at AWG conductors for auxiliary contacts	2x (20 16), 2x (18 14), 1x 12		

Certificates/ approvals

## **General Product Approval**

**EMC** 

**Functional** Safety/Safety of Machinery











Type Examination Certificate

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#### **Test Certificates**

### Marine / Shipping



Miscellaneous

Special Test Certificate

Confirmation

Type Test Certificates/Test Report



Railway



Marine / Shipping

other

Miscellaneous

Special Test Certificate





#### Further information

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=3RT1045-1AG20

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1045-1AG20

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

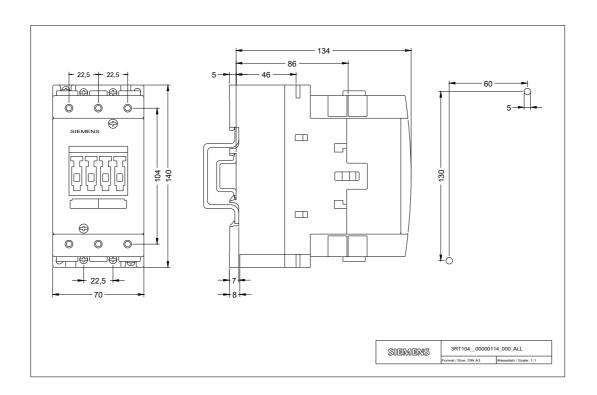
https://support.industry.siemens.com/cs/ww/en/ps/3RT1045-1AG20

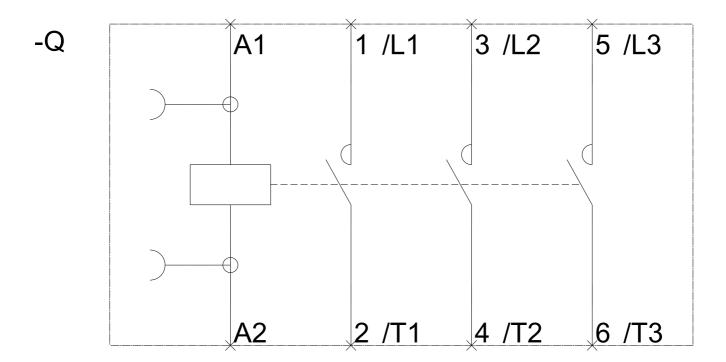
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT1045-1AG20&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT1045-1AG20/char

Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1045-1AG20&objecttype=14&gridview=view1





last modified: 08/13/2020