# SIEMENS

### Data sheet

## 3RT2027-1AB00

CONTACTOR, AC-3, 15KW/400V, 1NO+1NC, AC 24V 50HZ, 3-POLE, SZ S0 SCREW TERMINAL



product brandname	SIRIUS
Product designation	Power contactor
Product type designation	3RT2
General technical data	
Size of contactor	SO
Product extension	
<ul> <li>function module for communication</li> </ul>	No
Auxiliary switch	Yes
Insulation voltage	
• rated value	690 V
Surge voltage resistance rated value	6 kV
maximum permissible voltage for safe isolation	
<ul> <li>between coil and main contacts acc. to EN</li> </ul>	400 V
60947-1	
Protection class IP	
• on the front	IP20
• of the terminal	IP20
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 (switching cycles)	
<ul> <li>of contactor typical</li> </ul>	10 000 000
<ul> <li>of the contactor with added electronics-</li> </ul>	5 000 000
compatible auxiliary switch block typical	
<ul> <li>of the contactor with added auxiliary switch</li> </ul>	10 000 000
block typical	
Ambient conditions	
Ambient temperature	
<ul> <li>during operation</li> </ul>	-25 +60 °C
<ul> <li>during storage</li> </ul>	-55 +80 °C
Main circuit	
Number of poles for main current circuit	3
Number of NO contacts for main contacts	3
Operating voltage	
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V
Operating current	
• at AC-1 at 400 V	
— at ambient temperature 40 °C rated value	50 A
● at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	50 A
— up to 690 V at ambient temperature 60 °C rated value	42 A
• at AC-2 at 400 V rated value	32 A
• at AC-3	
— at 400 V rated value	32 A
— at 500 V rated value	32 A
— at 690 V rated value	21 A
Connectable conductor cross-section in main circuit at AC-1	
• at 60 °C minimum permissible	10 mm²
• at 40 °C minimum permissible	10 mm <sup>2</sup>
Operating current for approx. 200000 operating	
cycles at AC-4	
• at 400 V rated value	12 A
• at 690 V rated value	12 A
Operating current	
• at 1 current path at DC-1	
— 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
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
— at 24 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
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
Operating current	
• at 1 current path at DC-3 at DC-5	
— at 24 V rated value	20 A
— at 110 V rated value	2.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.09 A
— at 600 V rated value	0.06 A
• with 2 current paths in series at DC-3 at DC-5	
— at 24 V rated value	35 A
— at 110 V rated value	15 A
— at 220 V rated value	3 A
— at 440 V rated value	0.27 A
— at 600 V rated value	0.16 A
• with 3 current paths in series at DC-3 at DC-5	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	10 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
Operating power	
• at AC-1	
— at 230 V rated value	16 kW
— at 230 V at 60 °C rated value	15.5 kW
— at 400 V rated value	28 kW
— at 400 V at 60 °C rated value	27.5 kW
— at 690 V rated value	48 kW

— at 690 V at 60 °C rated value	47.5 kW
• at AC-2 at 400 V rated value	15 kW
• at AC-3	
— at 230 V rated value	7.5 kW
— at 400 V rated value	15 kW
— at 690 V rated value	18.5 kW
Operating power for approx. 200000 operating cycles	
at AC-4	
• at 400 V rated value	6 kW
• at 690 V rated value	10.3 kW
Thermal short-time current limited to 10 s	260 A
Power loss [W] at AC-3 at 400 V for rated value of	2.7 W
the operating current per conductor	
No-load switching frequency	
• at AC	5 000 1/h
Operating frequency	
• at AC-1 maximum	1 000 1/h
● at AC-2 maximum	750 1/h
• at AC-3 maximum	750 1/h
● 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	24 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 V·A
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 V·A
Inductive power factor with the holding power of the	
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
Residual current of the electronics for control with signal <0>	

• at DC at 24 V maximum permissible       16 mA         Auxiliary critedit       International State Stat	• at AC at 230 V maximum permissible	7 mA
Number of NC contacts     1 <ul> <li>instantaneous contact</li> <li>instantaneous contact</li> <li>for auxiliary contacts</li> <li>instantaneous contact</li> <li>for auxiliary contacts</li> <li>instantaneous contact</li> <li>10 A</li> <li>Operating current at AC-12 maximum</li> <li>10 A</li> <li>Operating current at AC-13</li> <li>at 230 V rated value</li> <li>at 300 V rated value</li> <li>at 400 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 600 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 100 V rated value</li> <li>at 220 V rat</li></ul>		16 mA
Number of NC contacts     1 <ul> <li>instantaneous contact</li> <li>instantaneous contact</li> <li>for auxiliary contacts</li> <li>instantaneous contact</li> <li>for auxiliary contacts</li> <li>instantaneous contact</li> <li>10 A</li> <li>Operating current at AC-12 maximum</li> <li>10 A</li> <li>Operating current at AC-13</li> <li>at 230 V rated value</li> <li>at 300 V rated value</li> <li>at 400 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 600 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 600 V rated value</li> <li>at 48 V rated value</li> <li>at 100 V rated value</li> <li>at 220 V rat</li></ul>		
• for auxiliary contacts1• instantaneous contact1• for auxiliary contacts1• for auxiliary contacts1• for auxiliary contacts1• for auxiliary contacts10 A• for auxiliary contact AC-12 maximum10 A• for auxiliary contact AC-1310 A• for auxiliary contact AC-1410 A• for auxiliary contact AC-15-• at 230 V rated value3A• at 300 V rated value1A• at 650 V rated value10 A• at 650 V rated value6A• at 84 V rated value6A• at 84 V rated value3A• at 80 V rated value10 A• at 80 V rated value6A• at 80 V rated value10 A• at 80 V rated value6A• at 80 V rated value10 A• at 80 V rated value <td></td> <td></td>		
Number of NO contacts         I           • for auxiliary contacts         1           • instantaneous contact         1           Operating current at AC-12 maximum         10 A           Operating current at AC-13		1
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Operating current at AC-12 maximum         10 A           Operating current at AC-15         -           • at 230 V rated value         10 A           • at 400 V rated value         3 A           • at 500 V rated value         2 A           • at 600 V rated value         1 A           Operating current at DC-12         -           • at 24 V rated value         6 A           • at 60 V rated value         6 A           • at 60 V rated value         2 A           • at 60 V rated value         6 A           • at 10 V rated value         6 A           • at 24 V rated value         0.15 A           Operating current at DC-13         -           • at 22 V rated value         0.15 A           Operating current at DC-13         -           • at 24 V rated value         0.16 A           • at 60 V rated value         2 A           • at 60 V rated value         0.16 A           • at 22 V rated value         0.16 A           • at 24 V rated value         0.16 A           • at 10 V rated value         0.16 A           • at 60 V rated value         0.9 A           • at 20 V rated value         0.1 A           Cortex reliability of auxiliary contacts         1 faulty swit	·	1
Operating current at AC-15         Image: Contract value           • at 230 V rated value         10 A           • at 400 V rated value         3 A           • at 500 V rated value         2 A           • at 690 V rated value         1 A           Operating current at DC-12		
• at 230 V rated value10 A• at 400 V rated value3 A• at 500 V rated value2 A• at 690 V rated value1 AOperating current at DC-12		
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at 630 V rated value       1 A         Operating current at DC-12       10 A         • at 24 V rated value       6 A         • at 48 V rated value       6 A         • at 60 V rated value       6 A         • at 10 V rated value       6 A         • at 110 V rated value       3 A         • at 125 V rated value       2 A         • at 220 V rated value       0.15 A         Operating current at DC-13       -         • at 600 V rated value       2 A         • at 24 V rated value       0.15 A         Operating current at DC-13       -         • at 60 V rated value       0.16 A         • at 60 V rated value       0.0 A         • at 24 V rated value       0.16 A         • at 60 V rated value       0.16 A         • at 60 V rated value       0.1 A         • at 110 V rated value       0.3 A         • at 220 V rated value       0.1 A         Contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       -         Full-load current (FLA) for three-phase AC motor       -         • at 600 V rated value       27 A         • at 600 V rated value       27 A         • at 600 V rated	• at 400 V rated value	3 A
Operating 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 220 V rated value       2 A         • at 200 V rated value       0.15 A         Operating current at DC-13       0 A         • at 24 V rated value       0.15 A         Operating current at DC-13       0 A         • at 600 V rated value       2 A         • at 48 V rated value       0.15 A         Operating current at DC-13       0 A         • at 40 V rated value       0.15 A         Operating current at DC-13       0 A         • at 24 V rated value       0.10 A         • at 40 V rated value       0.10 A         • at 600 V rated value       0.9 A         • at 220 V rated value       0.3 A         • at 220 V rated value       0.1 A         Contact reliability of auxiliary contacts       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       27 A         Full-load current (FLA) for three-phase AC motor       27 A         • at 600 V rated value       27 A         • at 600 V rated value       27 A         • at 600 V r	• at 500 V rated value	2 A
• at 24 V rated value10 A• at 48 V rated value6 A• at 60 V rated value6 A• at 10 V rated value3 A• at 110 V rated value2 A• at 125 V rated value1 A• at 220 V rated value0.15 AOperating current at DC-13•• at 24 V rated value2 A• at 48 V rated value10 A• at 48 V rated value2 A• at 600 V rated value2 A• at 48 V rated value2 A• at 48 V rated value2 A• at 60 V rated value2 A• at 10 V rated value0.9 A• at 125 V rated value0.3 A• at 200 V rated value0.1 A• at 600 V rated value2 A• at 600 V rated value2.7 A• at 600 V rated value27 A• at 600 V rated value5 hp	• at 690 V rated value	1 A
at 48 V rated value6 A• at 60 V rated value6 A• at 10 V rated value3 A• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 AOperating current at DC-13• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 60 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 60 V rated value2 A• at 60 V rated value1 A• at 10 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 AContact reliability of auxiliary contactsI full-load current (FLA) for three-phase AC motor• at 480 V rated value27 A• at 600 V rated value27 AVielded mechanical performance [hp]• for single-phase AC motor27 A• at 600 V rated value27 A• at 600 V rated value27 A• at 600 V rated value27 A• at 600 V rated value5 hp	Operating current at DC-12	
a d 60 V rated value6 A• at 60 V rated value3 A• at 110 V rated value3 A• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 AOperating current at DC-13• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value1 A• at 10 V rated value0.9 A• at 220 V rated value0.3 A• at 60 V rated value0.1 AContact reliability of auxiliary contactsI full-load current (FLA) for three-phase AC motor• at 480 V rated value27 A• at 600 V rated value5 hp	• at 24 V rated value	10 A
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<ul> <li>at 125 V rated value</li> <li>at 220 V rated value</li> <li>1 A</li> <li>at 220 V rated value</li> <li>0.15 A</li> <li>Operating current at DC-13         <ul> <li>at 24 V rated value</li> <li>10 A</li> <li>at 48 V rated value</li> <li>2 A</li> <li>at 48 V rated value</li> <li>2 A</li> </ul> </li> <li>at 24 V rated value</li> <li>10 A</li> <li>at 48 V rated value</li> <li>2 A</li> <li>at 60 V rated value</li> </ul> <li>2 A</li> <li>at 60 V rated value</li> <li>2 A</li> <li>at 10 V rated value</li> <li>3 A</li> <li>at 220 V rated value</li> <li>0.1 A</li> <li>Contact reliability of auxiliary contacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>ULCSA ratings</li> <li>Full-load current (FLA) for three-phase AC motor         <ul> <li>at 480 V rated value</li> <li>27 A</li> <li>at 600 V rated value</li> <li>27 A</li> </ul> </li>	• at 60 V rated value	6 A
<ul> <li>at accorrection</li> <li>at</li></ul>	• at 110 V rated value	3 A
Intervention0.15 AOperating current at DC-1310 A• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 60 V rated value1 A• at 10 V rated value0.9 A• at 220 V rated value0.1 AContact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsFull-load current (FLA) for three-phase AC motor• at 600 V rated value27 A• at 600 V rated value5 hp	• at 125 V rated value	2 A
Operating current at DC-13     10 A       • at 24 V rated value     10 A       • at 24 V rated value     2 A       • at 48 V rated value     2 A       • at 60 V rated value     1 A       • at 110 V rated value     0.9 A       • at 220 V rated value     0.3 A       • at 600 V rated value     0.1 A       UL/CSA ratings     27 A       Full-load current (FLA) for three-phase AC motor     27 A       • at 600 V rated value     27 A       • at 600 V rated value     27 A       • at 600 V rated value     27 A	• at 220 V rated value	1 A
• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 10 V rated value1 A• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 AContact reliability of auxillary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsFull-load current (FLA) for three-phase AC motor• at 480 V rated value27 A• at 600 V rated value27 A• at 600 V rated value27 A• at 600 V rated value27 A• at 110/120 V rated value2 hp- at 110/120 V rated value2 hp- at 230 V rated value5 hp	• at 600 V rated value	0.15 A
• at 48 V rated value2 A• at 48 V rated value2 A• at 60 V rated value2 A• at 110 V rated value1 A• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 AContact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsFull-load current (FLA) for three-phase AC motor• at 480 V rated value27 A• at 600 V rated value27 A• at 600 V rated value27 A• at 100 V rated value27 A• at 600 V rated value27 A	Operating current at DC-13	
<ul> <li>at 60 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>at 110 V rated value</li> <li>at 125 V rated value</li> <li>0.9 A</li> <li>at 220 V rated value</li> <li>0.3 A</li> <li>0.1 A</li> <li>Contact reliability of auxiliary contacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>UL/CSA ratings</li> <li>Full-load current (FLA) for three-phase AC motor         <ul> <li>at 480 V rated value</li> <li>27 A</li> </ul> </li> </ul>	• at 24 V rated value	10 A
• at 110 V rated value1 A• at 125 V rated value0.9 A• at 220 V rated value0.3 A• at 600 V rated value0.1 AContact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsFull-load current (FLA) for three-phase AC motor• at 480 V rated value27 A• at 480 V rated value27 A• at 600 V rated value27 A• at 600 V rated value27 A• at 600 V rated value27 A• at 230 V rated value2 hp- at 230 V rated value5 hp	• at 48 V rated value	2 A
<ul> <li>at 125 V rated value</li> <li>at 220 V rated value</li> <li>at 220 V rated value</li> <li>at 600 V rated value</li> <li>0.1 A</li> <li>Contact reliability of auxiliary contacts</li> <li>1 faulty switching per 100 million (17 V, 1 mA)</li> <li>UL/CSA ratings</li> <li>Full-load current (FLA) for three-phase AC motor         <ul> <li>at 480 V rated value</li> <li>27 A</li> <li>at 600 V rated value</li> <li>27 A</li> </ul> </li> <li>Yielded mechanical performance [hp]         <ul> <li>for single-phase AC motor</li> <li>at 110/120 V rated value</li> <li>2 hp</li> <li>at 230 V rated value</li> <li>5 hp</li> </ul> </li> </ul>	• at 60 V rated value	2 A
• at 220 V rated value0.3 A• at 600 V rated value0.1 AContact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsFull-load current (FLA) for three-phase AC motor • at 480 V rated value27 A• at 480 V rated value27 A• at 600 V rated value5 hp	• at 110 V rated value	1 A
• at 600 V rated value0.1 AContact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsFull-load current (FLA) for three-phase AC motor • at 480 V rated value27 A• at 600 V rated value27 A• at 600 V rated value27 A• at 600 V rated value27 A• at 100 V rated value27 A• for single-phase AC motor - at 110/120 V rated value2 hp• for single-phase AC motor - at 230 V rated value2 hp• for single value5 hp	• at 125 V rated value	0.9 A
Contact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsFull-load current (FLA) for three-phase AC motor• at 480 V rated value27 A• at 600 V rated value27 A• at 600 V rated value27 A• at 600 V rated value27 A• at 10/120 V rated value2 hp- at 110/120 V rated value2 hp- at 230 V rated value5 hp	• at 220 V rated value	0.3 A
UL/CSA ratings         Full-load current (FLA) for three-phase AC motor         • at 480 V rated value       27 A         • at 600 V rated value       27 A         • at 110/120 V rated value       2 hp         - at 230 V rated value       5 hp	• at 600 V rated value	0.1 A
Full-load current (FLA) for three-phase AC motor• at 480 V rated value27 A• at 600 V rated value27 AYielded mechanical performance [hp]- at 110/120 V rated value- at 110/120 V rated value2 hp- at 230 V rated value5 hp	Contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
Full-load current (FLA) for three-phase AC motor• at 480 V rated value27 A• at 600 V rated value27 AYielded mechanical performance [hp]- at 110/120 V rated value- at 110/120 V rated value2 hp- at 230 V rated value5 hp	UL/CSA ratings	
• at 600 V rated value27 AVielded mechanical performance [hp]-• for single-phase AC motor at 110/120 V rated value2 hp- at 230 V rated value5 hp		
Yielded mechanical performance [hp]         • for single-phase AC motor         - at 110/120 V rated value       2 hp         - at 230 V rated value       5 hp	• at 480 V rated value	27 A
<ul> <li>for single-phase AC motor</li> <li>— at 110/120 V rated value</li> <li>— at 230 V rated value</li> <li>5 hp</li> </ul>	• at 600 V rated value	27 A
at 110/120 V rated value2 hp at 230 V rated value5 hp	Yielded mechanical performance [hp]	
— at 230 V rated value 5 hp	<ul> <li>for single-phase AC motor</li> </ul>	
	— at 110/120 V rated value	2 hp
for three-phase AC motor	— at 230 V rated value	5 hp
	<ul> <li>for three-phase AC motor</li> </ul>	

— at 200/208 V rated value	10 hp
— at 220/230 V rated value	10 hp
— at 460/480 V rated value	20 hp
— at 575/600 V rated value	25 hp
Contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
Design of the fuse link	
<ul> <li>for short-circuit protection of the main circuit</li> </ul>	
<ul> <li>— with type of coordination 1 required</li> </ul>	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 125 A
<ul> <li>— with type of assignment 2 required</li> </ul>	gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 50 A
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	fuse gG: 10 A
Installation/ mounting/ dimensions	
Mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface
Mounting type	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
Side-by-side mounting	Yes
Height	85 mm
Width	45 mm
Depth	97 mm
Required spacing	
<ul> <li>for grounded parts</li> </ul>	
— at the side	6 mm
<ul> <li>for live parts</li> </ul>	
— at the side	6 mm
Connections/Terminals	
Type of electrical connection	
<ul> <li>for main current circuit</li> </ul>	screw-type terminals
<ul> <li>for auxiliary and control current circuit</li> </ul>	screw-type terminals
Type of connectable conductor cross-sections	
<ul> <li>for main contacts</li> </ul>	
— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
— single or multi-stranded	2x (1 2,5 mm²), 2x (2,5 10 mm²)
— finely stranded with core end processing	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
<ul> <li>at AWG conductors for main contacts</li> </ul>	2x (16 12), 2x (14 8)
Type of connectable conductor cross-sections	
<ul> <li>for auxiliary contacts</li> </ul>	
— single or multi-stranded	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)

• at AWG conductors for auxiliary contacts

2x (20 ... 16), 2x (18 ... 14)

<ul> <li>at AWG condu</li> </ul>	ictors for auxiliary coi	Induis			
afety related data					
B10 value					
• with high demand rate acc. to SN 31920		1 000 000			
Proportion of dange	rous failures				
<ul> <li>with low dema</li> </ul>	nd rate acc. to SN 31	1920	40 %		
<ul> <li>with high dema</li> </ul>	and rate acc. to SN 3	1920	73 %		
Failure rate [FIT]					
<ul> <li>with low dema</li> </ul>	nd rate acc. to SN 31	1920	100 FIT		
Product function					
<ul> <li>Mirror contact</li> </ul>	acc. to IEC 60947-4-	1	Yes		
T1 value for proof te IEC 61508	st interval or service	life acc. to	20 у		
Protection against e	lectrical shock		finger-safe		
ertificates/approva	als				
General Produc	t Approval				EMC
	CSA			EHC	C-Tick
ccc Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certif	īcates	<b>CIL</b> Shipping App	
Functional Safety/Safety			est <u>Type Test</u>	Shipping App	
Functional Safety/Safety of Machinery	Conformity C E EG-Konf.	Test Certif	e <u>Certificates/Test</u>	Shipping App	
Functional Safety/Safety of Machinery Type Examination	Conformity C E EG-Konf.	Test Certif	e <u> </u>	Shipping App	

#### Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

#### Industry Mall (Online ordering system)

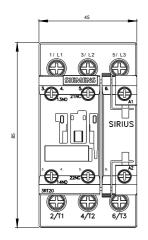
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2027-1AB00

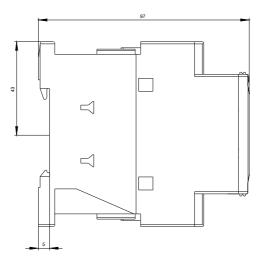
#### Cax online generator

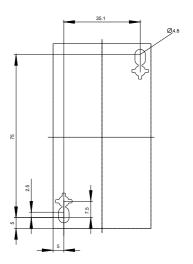
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2027-1AB00

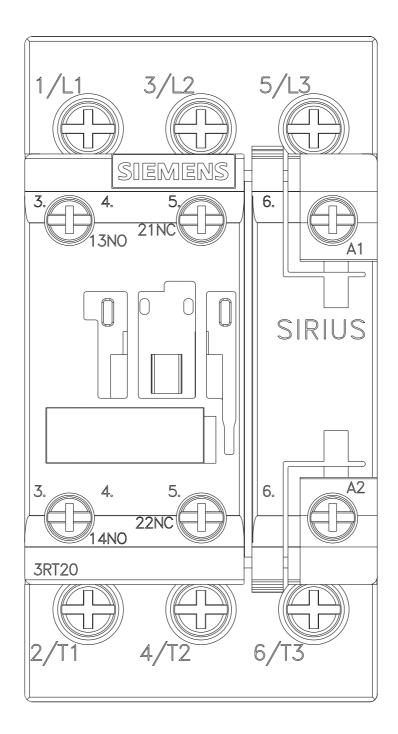
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2027-1AB00

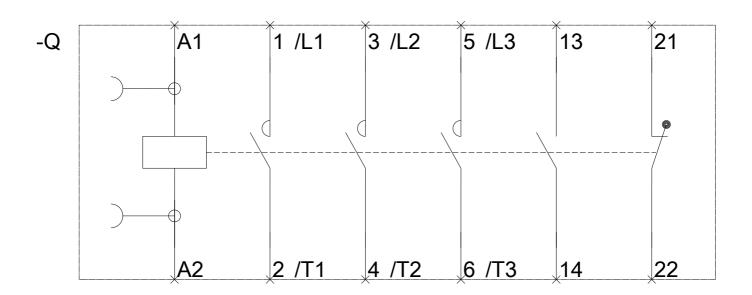
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2027-1AB00&lang=en











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06/20/2017