SIEMENS

Data sheet 3RT2035-1AB00

CONTACTOR,AC3:18.5KW/400V, 1NO+1NC, 24V AC 50HZ, 3-POLE, SIZE S2, SCREW TERMINAL



Figure similar

product brand name	SIRIUS
Product designation	3RT2 contactor
General technical data:	
Size of contactor	S2
Product extension	
 function module for communication 	No
Auxiliary switch	Yes
Insulation voltage	
• rated value	690 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 	400 V
60947-1	
Protection class IP	
• on the front	IP20
of the terminal	IP00

Shock resistance	
at rectangular impulse	
— at AC	11.8g / 5 ms, 7.4g / 10 ms
• with sine pulse	
— at AC	18.5g / 5 ms, 11.6g / 10 ms
fechanical 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:	
Installation altitude at height above sea level	2 000 m
maximum	
Ambient temperature	
during operation	-25 +60 °C
during storage	-55 +80 °C

Main circuit:	
Number of NO contacts for main contacts	3
Number of NC contacts for main contacts	0
Operating voltage	
 at AC-3 rated value maximum 	690 V
Operating current	
● at AC-1 at 400 V	
— at ambient temperature 40 °C rated value	60 A
• at AC-1	
— up to 690 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	60 A
 up to 690 V at ambient temperature 60 °C rated value 	55 A
• at AC-2 at 400 V rated value	40 A
• at AC-3	
— at 400 V rated value	40 A
— at 500 V rated value	40 A
— at 690 V rated value	24 A
Connectable conductor cross-section in main circuit at AC-1	
• at 60 °C minimum permissible	16 mm²
• at 40 °C minimum permissible	16 mm²
Operating current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	22 A

at 690 V rated value	18.5 A
Operating current	
• at 1 current path at DC-1	
— at 24 V rated value	55 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
• with 2 current paths in series at DC-1	
— at 24 V rated value	55 A
— at 110 V rated value	45 A
— at 220 V rated value	5 A
— at 440 V rated value	1 A
— at 600 V rated value	0.8 A
 with 3 current paths in series at DC-1 	
— at 24 V rated value	55 A
— at 110 V rated value	55 A
— at 220 V rated value	45 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	35 A
— at 110 V rated value	2.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.1 A
— at 600 V rated value	0.06 A
• with 2 current paths in series at DC-3 at DC-5	
— at 110 V rated value	25 A
— at 220 V rated value	5 A
— at 24 V rated value	55 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 110 V rated value	55 A
— at 220 V rated value	25 A
— at 24 V rated value	55 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.35 A
Operating power	
• at AC-1	

— at 230 V rated value	23 kW
— at 230 V at 60 °C rated value	21 kW
— at 400 V rated value	39 kW
— at 400 V at 60 °C rated value	36 kW
— at 690 V rated value	68 kW
— at 690 V at 60 °C rated value	62 kW
• at AC-2 at 400 V rated value	18.5 kW
• at AC-3	
— at 230 V rated value	11 kW
— at 400 V rated value	18.5 kW
— at 500 V rated value	22 kW
— at 690 V rated value	22 kW
Operating power for approx. 200000 operating cycles	
at AC-4	44.0104
• at 400 V rated value	11.6 kW
• at 690 V rated value	16.8 kW
Thermal short-time current limited to 10 s	400 A
Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor	2.2 W
No-load switching frequency	
• at AC	5 000 1/h
Operating frequency	
at AC-1 maximum	1 200 1/h
• at AC-2 maximum	750 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	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	190 V·A
Apparent holding power of magnet coil at AC	
● at 50 Hz	16 V·A
Closing delay	
• at AC	10 80 ms
Opening delay	
• at AC	10 18 ms
Arcing time	10 20 ms

Number of NC contacts	Auxiliary circuit:	
— instantaneous contact Number of NO contacts ● for auxiliary contacts — instantaneous contact 1 Operating current at AC-12 maximum 10 A Operating current at AC-15 ■ at 230 V rated value ■ at 400 V rated value ■ at 690 V rated value ■ at 690 V rated value ■ at 890 V rated value ■ at 40 V rated value ■ at 60 V rated value ■ at 110 V rated value ■ at 110 V rated value ■ at 125 V rated value ■ at 22 V rated value ■ at 800 V rated value ■ at 125 V rated value ■ at 80 V rated value ■ at 600 V	Number of NC contacts	
Number of NO contacts	 for auxiliary contacts 	
• for auxiliary contacts — instantaneous contact Operating current at AC-12 maximum 10 A Operating current at AC-15 • at 230 V rated value • at 400 V rated value • at 690 V rated value • at 690 V rated value • at 60 V rated value • at 60 V rated value • at 60 V rated value • at 10 A Operating current at DC-12 • at 24 V rated value • at 60 V rated value • at 60 V rated value • at 10 V rated value • at 220 V rated value • at 26 V rated value • at 220 V rated value • at 20 V rated value • at 20 V rated value • at 60 V rated value • at 10 V rated value • at 10 V rated value • at 60 V rated value • at 10 V rated value • at 100 V rated value • at 100 V rated value • at 600 V rated value • at 200 V rated value • at 600 V rated value • at 6	 instantaneous contact 	1
— instantaneous contact Operating current at AC-12 maximum Operating current at AC-12 maximum 10 A Operating current at AC-15 ■ at 230 V rated value ■ at 400 V rated value ■ at 500 V rated value ■ at 690 V rated value ■ at 690 V rated value ■ at 24 V rated value ■ at 80 V rated value ■ at 10 V rated value ■ at 110 V rated value ■ at 125 V rated value ■ at 125 V rated value ■ at 220 V rated value ■ at 80 V rated value ■ at 110 V rated value ■ at 80 V rated value ■ at 60 V rated value ■ at 10 V rated value ■ at 60 V rated value ■ at 20 V rated v	Number of NO contacts	
Operating current at AC-12 maximum	 for auxiliary contacts 	
Operating current at AC-15 at 230 V rated value	 instantaneous contact 	1
• at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 48 V rated value • at 48 V rated value • at 60 V rated value • at 100 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 250 V rated value • at 260 V rated value • at 27 V rated value • at 28 V rated value • at 290 V rated value • at 100 V rated value • at 100 V rated value • at 290 V rated value • at 300 V rated value • at 600 V rated value	Operating current at AC-12 maximum	10 A
* at 400 V rated value * at 500 V rated value * at 690 V rated value * at 690 V rated value * at 690 V rated value * at 24 V rated value * at 24 V rated value * at 80 V rated value * at 80 V rated value * at 60 V rated value * at 110 V rated value * at 110 V rated value * at 220 V rated value * at 220 V rated value * at 220 V rated value * at 600 V rated value * at 8 V rated value * at 8 V rated value * at 8 V rated value * at 10 V rated value * at 10 V rated value * at 110 V rated value * at 220 V rated value * at 600 V rated value * at 230 V rated value * at 110/120 V rated value * at 230 V rated value * at 110/20 V rated value	Operating current at AC-15	
• at 500 V rated value 2 A • at 690 V rated value 1 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 2 A • at 110 V rated value 1 A • at 220 V rated value 1 A • at 220 V rated value 1 A • at 600 V rated value 2 A • at 24 V rated value 2 A • at 600 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 2 A • at 110 V rated value 1 A • at 125 V rated value 2 A • at 110 V rated value 1 A • at 125 V rated value 1 A • at 125 V rated value 1 A • at 220 V rated value 1 A • at 600 V rated value 1 A	• at 230 V rated value	10 A
• at 690 V rated value 10 A Operating current at DC-12 • at 24 V rated value 6 A • at 48 V rated value 6 A • at 100 V rated value 6 A • at 110 V rated value 3 A • at 125 V rated value 1 A • at 220 V rated value 1 A • at 220 V rated value 1 A • at 600 V rated value 2 A • at 24 V rated value 2 A • at 25 V rated value 2 A • at 48 V rated value 2 A • at 60 V rated value 2 A • at 110 V rated value 2 A • at 110 V rated value 2 A • at 110 V rated value 1 A • at 60 V rated value 1 A • at 60 V rated value 1 A • at 600 V rated value 1 A	● at 400 V rated value	3 A
Operating current at DC-12 10 A • at 24 V rated value 6 A • at 60 V rated value 6 A • at 110 V rated value 3 A • at 125 V rated value 2 A • at 220 V rated value 1 A • at 600 V rated value 0.15 A Operating current at DC-13 10 A • at 24 V rated value 2 A • at 48 V rated value 2 A • at 60 V rated value 2 A • at 110 V rated value 1 A • at 220 V rated value 0.9 A • at 220 V rated value 0.3 A • at 600 V rated value 0.1 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) JL/CSA ratings: Full-load current (FLA) for three-phase AC motor • at 600 V rated value 40 A • at 600 V rated value 41 A Yielded mechanical performance [hp] • for single-phase AC motor • at 230 V rated value 7.5 hp • for three-phase AC motor - at 200/208 V rated value 10 hp	• at 500 V rated value	2 A
• at 24 V rated value • at 48 V rated value • at 60 V rated value • at 110 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value • at 24 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 60 V rated value • at 60 V rated value • at 110 V rated value • at 110 V rated value • at 125 V rated value • at 125 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value • at 280 V rated value • at 280 V rated value • at 600 V rated value • at 200 V rated value • at 600	• at 690 V rated value	1 A
• at 48 V rated value 6 A • at 60 V rated value 6 A • at 110 V rated value 3 A • at 125 V rated value 2 A • at 220 V rated value 1 A • at 600 V rated value 0.15 A Operating current at DC-13 • at 24 V rated value 2 A • at 80 V rated value 2 A • at 80 V rated value 2 A • at 10 V rated value 2 A • at 10 V rated value 2 A • at 10 V rated value 2 A • at 110 V rated value 1 A • at 125 V rated value 2 A • at 100 V rated value 1 A • at 125 V rated value 1 A • at 200 V rated value 1 A • at 600 V rated value 1 A • at 600 V rated value 1 A • at 600 V rated value 2 A • at 600 V rated value 3 A • at 600 V rated value 40 A • at 600 V rated value 41 A Vielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 3 hp — at 230 V rated value 7.5 hp • for three-phase AC motor — at 200/208 V rated value 10 hp	Operating current at DC-12	
• at 60 V rated value 6 A • at 110 V rated value 3 A • at 125 V rated value 2 A • at 220 V rated value 0.15 A Operating current at DC-13 • at 24 V rated value 2 A • at 600 V rated value 10 A • at 60 V rated value 2 A • at 60 V rated value 10 A • at 48 V rated value 2 A • at 60 V rated value 2 A • at 110 V rated value 1 A • at 125 V rated value 1 A • at 125 V rated value 1 A • at 220 V rated value 1 A • at 220 V rated value 1 A • at 60 V rated value 1 A • at 600 V rated value 1 A • at 600 V rated value 1 A • at 600 V rated value 1 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) JUCSA ratings: Full-load current (FLA) for three-phase AC motor 1 A • at 600 V rated value 40 A • at 600 V rated value 41 A Yielded mechanical performance [hp] 1 • for single-phase AC motor 1 — at 230 V rated value 7.5 hp • for three-phase AC motor 1 — at 200/208 V rated value 10 hp	● at 24 V rated value	10 A
• at 110 V rated value 3 A • at 125 V rated value 2 A • at 220 V rated value 1 A • at 600 V rated value 0.15 A Operating current at DC-13 • at 24 V rated value 2 A • at 60 V rated value 2 A • at 110 V rated value 1 A • at 125 V rated value 2 A • at 110 V rated value 3 A • at 220 V rated value 4 • at 600 V rated value 5 • at 600 V rated value 6 • at 600 V rated value 7 • at 600 V rated value 8 • at 600 V rated value 9 • at 600 V rated value 9 Ontact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) JL/CSA ratings: Full-load current (FLA) for three-phase AC motor 9 • at 480 V rated value 40 A • at 600 V rated value 41 A Yielded mechanical performance [hp] • for single-phase AC motor 41 — at 230 V rated value 7.5 hp • for three-phase AC motor 7 — at 200/208 V rated value 10 hp	● at 48 V rated value	6 A
at 125 V rated value at 220 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 48 V rated value at 60 V rated value at 60 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 60 V rated value at 600 V rated value at 100 V rated value at 200 V rated value at 100 V rated value at 200 V rated value	• at 60 V rated value	6 A
at 220 V rated value at 600 V rated value 0.15 A Operating current at DC-13 at 24 V rated value 10 A at 48 V rated value 2 A at 60 V rated value 2 A at 110 V rated value 1 A at 125 V rated value at 220 V rated value at 600 V rated value at 600 V rated value 1 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) JL/CSA ratings: Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value 41 A Yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value 3 hp — at 230 V rated value 7.5 hp for three-phase AC motor — at 200/208 V rated value 10 hp	• at 110 V rated value	3 A
• at 600 V rated value Operating current at DC-13 • at 24 V rated value 10 A • at 48 V rated value 2 A • at 60 V rated value 2 A • at 110 V rated value 1 A • at 125 V rated value 0.9 A • at 220 V rated value 0.1 A Contact reliability of auxiliary contacts I faulty switching per 100 million (17 V, 1 mA) JU/CSA ratings: Full-load current (FLA) for three-phase AC motor • at 480 V rated value 40 A • at 600 V rated value 41 A Yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 7.5 hp • for three-phase AC motor — at 230 V rated value • for three-phase AC motor — at 200/208 V rated value 10 hp	• at 125 V rated value	2 A
Operating current at DC-13 at 24 V rated value at 48 V rated value at 60 V rated value at 10 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value buildiary contacts 1 faulty switching per 100 million (17 V, 1 mA) JU/CSA ratings: Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value at 100 V rated value at 110/120 V rated value - at 230 V rated value - at 230 V rated value for three-phase AC motor - at 200/208 V rated value 10 hp	• at 220 V rated value	1 A
 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 480 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 700 V rated value at 200 V rated value at 110/120 V rated value at 230 V rated value at 230 V rated value 7.5 hp for three-phase AC motor at 200/208 V rated value 10 hp 	• at 600 V rated value	0.15 A
 at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value 1 faulty switching per 100 million (17 V, 1 mA) Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) JI/CSA ratings: Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value at 110/120 V rated value at 110/120 V rated value at 230 V rated value for three-phase AC motor at 230 V rated value for three-phase AC motor at 200/208 V rated value 10 hp 	Operating current at DC-13	
at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value 1 faulty switching per 100 million (17 V, 1 mA) Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) IL/CSA ratings: Full-load current (FLA) for three-phase AC motor at 480 V rated value 40 A at 600 V rated value 41 A Yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value 7.5 hp for three-phase AC motor at 230 V rated value 10 hp	• at 24 V rated value	10 A
at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) L/CSA ratings: Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value for single-phase AC motor at 110/120 V rated value at 230 V rated value at 230 V rated value for three-phase AC motor at 230 V rated value	● at 48 V rated value	2 A
 at 125 V rated value at 220 V rated value at 600 V rated value 0.1 A Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) JI/CSA ratings: Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value for single-phase AC motor at 110/120 V rated value at 230 V rated value for three-phase AC motor at 230 V rated value for three-phase AC motor at 200/208 V rated value 10 hp 	• at 60 V rated value	2 A
at 220 V rated value at 600 V rated value Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) JL/CSA ratings: Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value for single-phase AC motor at 110/120 V rated value for three-phase AC motor at 230 V rated value for three-phase AC motor at 200/208 V rated value 10 hp	● at 110 V rated value	1 A
 at 600 V rated value Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) JL/CSA ratings: Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value for single-phase AC motor at 110/120 V rated value at 230 V rated value for three-phase AC motor at 230 V rated value for three-phase AC motor at 200/208 V rated value 10 hp 	• at 125 V rated value	0.9 A
Contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) JL/CSA ratings: Full-load current (FLA) for three-phase AC motor • at 480 V rated value • at 600 V rated value 41 A Yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 3 hp - at 230 V rated value • for three-phase AC motor — at 200/208 V rated value 10 hp	• at 220 V rated value	0.3 A
JL/CSA ratings: Full-load current (FLA) for three-phase AC motor • at 480 V rated value	• at 600 V rated value	0.1 A
Full-load current (FLA) for three-phase AC motor • at 480 V rated value 40 A • at 600 V rated value 41 A Yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 3 hp — at 230 V rated value 7.5 hp • for three-phase AC motor — at 200/208 V rated value 10 hp	Contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
 at 480 V rated value at 600 V rated value 41 A Yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value at 230 V rated value for three-phase AC motor — at 200/208 V rated value 10 hp 	UL/CSA ratings:	
 at 600 V rated value Yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value at 230 V rated value for three-phase AC motor — at 200/208 V rated value 10 hp 	Full-load current (FLA) for three-phase AC motor	
Yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for three-phase AC motor — at 200/208 V rated value 10 hp	● at 480 V rated value	40 A
 for single-phase AC motor — at 110/120 V rated value 3 hp — at 230 V rated value 7.5 hp for three-phase AC motor — at 200/208 V rated value 10 hp 	• at 600 V rated value	41 A
 — at 110/120 V rated value — at 230 V rated value • for three-phase AC motor — at 200/208 V rated value 10 hp 	Yielded mechanical performance [hp]	
 at 230 V rated value for three-phase AC motor at 200/208 V rated value 10 hp 	• for single-phase AC motor	
• for three-phase AC motor — at 200/208 V rated value 10 hp	— at 110/120 V rated value	3 hp
— at 200/208 V rated value 10 hp	— at 230 V rated value	7.5 hp
	• for three-phase AC motor	
— at 220/230 V rated value 15 hp	— at 200/208 V rated value	10 hp
	— at 220/230 V rated value	15 hp

— at 460/480 V rated value
 — at 575/600 V rated value
 Contact rating of auxiliary contacts according to UL
 A600 / P600

Short-circuit protection

Design of the fuse link

• for short-circuit protection of the main circuit

— with type of coordination 1 required

— with type of assignment 2 required

• for short-circuit protection of the auxiliary switch required

gL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 160 A gL/gG NH 3NA, DIAZED 5SB, NEOZED 5SE: 80 A

fuse gL/gG: 10 A

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 rai
	according to DIN EN 50022
Side-by-side mounting	Yes
Height	114 mm
Width	55 mm
Depth	130 mm
Required spacing	
with side-by-side mounting	
— forwards	0 mm
— Backwards	0 mm
— upwards	0 mm
— downwards	0 mm
— at the side	0 mm
• for grounded parts	
— forwards	0 mm
— Backwards	0 mm
— upwards	50 mm
— at the side	6 mm
— downwards	50 mm
• for live parts	
— forwards	0 mm
— Backwards	0 mm
— upwards	50 mm
— downwards	50 mm
— 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	
— single or multi-stranded	2x (1 35 mm²), 1x (1 50 mm²)
 finely stranded with core end processing 	2x (1 25 mm²), 1x (1 35 mm²)
 at AWG conductors for main contacts 	2x (18 2), 1x (18 1)
Type of connectable conductor cross-sections	
 for auxiliary contacts 	
 single or multi-stranded 	2x (0,5 1,5 mm²), 2x (0,75 2,5 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)

Safety related data:	
Proportion of dangerous failures	
 with low demand rate acc. to SN 31920 	40 %
 with high demand rate acc. to SN 31920 	73 %
Product function	
 Mirror contact acc. to IEC 60947-4-1 	Yes
• positively driven operation acc. to IEC 60947-5-	No
1	

Certificates/approvals

General Product Approval

Declaration of Conformity

Test Certificates











Typprüfbescheinigu ng/Werkszeugnis

Test Certificates **Shipping Approval**

spezielle Prüfbescheinigunge

n













LRS

Shipping Approval other

Approva

Bestätigungen

Umweltbestätigung



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=3RT2035-1AB00

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT2035-1AB00}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2035-1AB00

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2035-1AB00&lang=en







