SIEMENS

Data sheet

3RT1065-2AR36



power contactor, AC-3e/AC-3 265 A, 132 kW / 400 V AC (50-60 Hz) / DC Uc: 440-480 V 3-pole, auxiliary contacts 2 NO + 2 NC drive: conventional main circuit: busbar control and auxiliary circuit: spring-loaded terminal

	0171110
product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT1
General technical data	
size of contactor	S10
product extension	
 function module for communication 	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
 at AC in hot operating state 	54 W
 at AC in hot operating state per pole 	18 W
 without load current share typical 	7.4 W
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	1 000 V
 of auxiliary circuit with degree of pollution 3 rated value 	500 V
surge voltage resistance	
 of main circuit rated value 	8 kV
 of auxiliary circuit rated value 	6 kV
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	690 V
shock resistance at rectangular impulse	
• at AC	8,5g / 5 ms, 4,2g / 10 ms
• at DC	8,5g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at AC	13,4g / 5 ms, 6,5g / 10 ms
at DC	13,4g / 5 ms, 6,5g / 10 ms
mechanical service life (operating cycles)	
 of contactor typical 	10 000 000
 of the contactor with added electronically optimized auxiliary switch block typical 	5 000 000
of the contactor with added auxiliary switch block typical	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	05/01/2012
SVHC substance name	Blei - 7439-92-1
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
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30	95 %

maximum			
lain circuit			
number of poles for main current circuit	3		
number of NO contacts for main contacts	3		
operating voltage	5		
at AC-3 rated value maximum	1 000 V		
at AC-3 rated value maximum at AC-3e rated value maximum	1 000 V		
	1000 V		
 operational current at AC-1 at 400 V at ambient temperature 40 °C rated value 	330 A		
• at AC-1			
— up to 690 V at ambient temperature 40 °C rated value	330 A		
— up to 690 V at ambient temperature 60 °C rated value	300 A		
— up to 1000 V at ambient temperature 40 °C rated value	150 A		
 — up to 1000 V at ambient temperature 60 °C rated value 	150 A		
at AC-3 — at 400 V rated value	265 4		
	265 A		
— at 500 V rated value	265 A		
— at 690 V rated value	265 A		
— at 1000 V rated value	95 A		
• at AC-3e	005 A		
— at 400 V rated value	265 A		
— at 500 V rated value	265 A		
— at 690 V rated value	265 A		
— at 1000 V rated value	95 A		
• at AC-4 at 400 V rated value	230 A		
• at AC-5a up to 690 V rated value	290 A		
• at AC-5b up to 400 V rated value	219 A		
• at AC-6a	205 A		
— up to 230 V for current peak value n=20 rated value	265 A		
— up to 400 V for current peak value n=20 rated value	265 A		
— up to 500 V for current peak value n=20 rated value	265 A 265 A		
— up to 690 V for current peak value n=20 rated value			
 — up to 1000 V for current peak value n=20 rated value at AC-6a 	95 A		
— up to 230 V for current peak value n=30 rated value	184 A		
— up to 400 V for current peak value n=30 rated value	184 A		
 up to 400 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value 	184 A		
 up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value 	184 A		
— up to 1000 V for current peak value n=30 rated value	95 A		
minimum cross-section in main circuit at maximum AC-1 rated	95 A 185 mm ²		
value operational current for approx. 200000 operating cycles at			
AC-4			
• at 400 V rated value	117 A		
• at 690 V rated value	105 A		
operational current			
• at 1 current path at DC-1			
— at 24 V rated value	300 A		
— at 60 V rated value	300 A		
— at 110 V rated value	33 A		
— at 220 V rated value	3.8 A		
— at 440 V rated value	0.9 A		
— at 600 V rated value	0.6 A		
 with 2 current paths in series at DC-1 			
— at 24 V rated value	300 A		
— at 60 V rated value	300 A		

— at 110 V rated value	300 A
— at 220 V rated value	300 A
— at 440 V rated value	4 A
— at 600 V rated value	2 A
 with 3 current paths in series at DC-1 	
— at 24 V rated value	300 A
— at 60 V rated value	300 A
— at 110 V rated value	300 A
— at 220 V rated value	300 A
— at 440 V rated value	11 A
— at 600 V rated value	5.2 A
 at 1 current path at DC-3 at DC-5 	
— at 24 V rated value	300 A
— at 60 V rated value	11 A
— at 110 V rated value	3 A
— at 220 V rated value	0.6 A
— at 440 V rated value	0.18 A
— at 600 V rated value	0.125 A
 with 2 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	300 A
— at 60 V rated value	300 A
— at 110 V rated value	300 A
— at 220 V rated value	2.5 A
— at 440 V rated value	0.65 A
— at 600 V rated value	0.37 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	300 A
— at 60 V rated value	300 A
— at 110 V rated value	300 A
— at 220 V rated value	300 A
— at 440 V rated value	1.4 A
— at 600 V rated value	0.75 A
operating power	
• at AC-3	
— at 230 V rated value	75 kW
— at 400 V rated value	132 kW
— at 500 V rated value	160 kW
— at 690 V rated value	250 kW
— at 1000 V rated value	132 kW
• at AC-3e	
— at 230 V rated value	75 kW
— at 400 V rated value	132 kW
— at 500 V rated value	160 kW
— at 690 V rated value	250 kW
— at 1000 V rated value	132 kW
operating power for approx. 200000 operating cycles at AC-	
4	CC IAN
at 400 V rated value	66 kW
• at 690 V rated value	102 kW
operating apparent power at AC-6a	100.000 (4) (4
• up to 230 V for current peak value n=20 rated value	100 000 kVA
• up to 400 V for current peak value n=20 rated value	180 000 VA
• up to 500 V for current peak value n=20 rated value	220 000 VA
• up to 690 V for current peak value n=20 rated value	310 000 VA
• up to 1000 V for current peak value n=20 rated value	160 000 VA
operating apparent power at AC-6a	70.000 \/A
• up to 230 V for current peak value n=30 rated value	70 000 VA
• up to 400 V for current peak value n=30 rated value	120 000 VA
• up to 500 V for current peak value n=30 rated value	150 000 VA
• up to 690 V for current peak value n=30 rated value	220 000 VA
 up to 1000 V for current peak value n=30 rated value 	160 000 VA

short-time withstand current in cold operating state up to 40 °C				
 limited to 1 s switching at zero current maximum 	4 880 A; Use minimum cross-section acc. to AC-1 rated value			
 limited to 5 s switching at zero current maximum 				
 limited to 5 s switching at zero current maximum limited to 10 s switching at zero current maximum 	4 045 A; Use minimum cross-section acc. to AC-1 rated value			
Ū Ū	2 785 A; Use minimum cross-section acc. to AC-1 rated value			
Imited to 30 s switching at zero current maximum	1 664 A; Use minimum cross-section acc. to AC-1 rated value			
Imited to 60 s switching at zero current maximum	1 276 A; Use minimum cross-section acc. to AC-1 rated value			
no-load switching frequency	0.000 //			
• at AC	2 000 1/h			
• at DC	2 000 1/h			
operating frequency	200.4/1-			
• at AC-1 maximum	800 1/h			
• at AC-2 maximum	250 1/h			
• at AC-3 maximum	500 1/h			
• at AC-3e maximum	500 1/h			
• at AC-4 maximum	130 1/h			
Control circuit/ Control	10/20			
type of voltage of the control supply voltage	AC/DC			
control supply voltage at AC				
• at 50 Hz rated value	440 480 V			
at 60 Hz rated value	440 480 V			
control supply voltage at DC				
rated value	440 480 V			
operating range factor control supply voltage rated value of magnet coil at DC				
initial value	0.8			
• full-scale value	1.1			
operating range factor control supply voltage rated value of magnet coil at AC				
• at 50 Hz	0.8 1.1			
● at 60 Hz	0.8 1.1			
design of the surge suppressor	with varistor			
apparent pick-up power				
 at minimum rated control supply voltage at AC 				
— at 50 Hz	490 VA			
— at 60 Hz	490 VA			
 at maximum rated control supply voltage at AC 				
— at 60 Hz	590 VA			
— at 50 Hz	590 VA			
apparent pick-up power of magnet coil at AC				
• at 50 Hz	590 VA			
• at 60 Hz	590 VA			
inductive power factor with closing power of the coil				
• at 50 Hz	0.9			
• at 60 Hz	0.9			
apparent holding power				
 at minimum rated control supply voltage at DC 	6.1 VA			
 at maximum rated control supply voltage at DC 	7.4 VA			
apparent holding power				
 at minimum rated control supply voltage at AC 				
— at 50 Hz	5.6 VA			
— at 60 Hz	5.6 VA			
 at maximum rated control supply voltage at AC 				
— at 50 Hz	6.7 VA			
— at 60 Hz	6.7 VA			
apparent holding power of magnet coil at AC				
• at 50 Hz	6.7 VA			
• at 60 Hz	6.7 VA			
inductive power factor with the holding power of the coil				
• at 50 Hz	0.9			
• at 60 Hz	0.9			
closing power of magnet coil at DC	650 W			

holding power of magnet coil at DC	7.4 W			
closing delay				
• at AC	30 95 ms			
● at DC	30 95 ms			
opening delay				
• at AC	40 80 ms			
• at DC	40 80 ms			
arcing time	10 15 ms			
control version of the switch operating mechanism	Standard A1 - A2			
Auxiliary circuit				
number of NC contacts for auxiliary contacts instantaneous	2			
contact				
number of NO contacts for auxiliary contacts instantaneous contact	2			
operational current at AC-12 maximum	10 A			
operational current at AC-15				
• at 230 V rated value	6 A			
• at 400 V rated value	3 A			
• at 500 V rated value	2 A			
• at 690 V rated value	1 A			
operational 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 125 V rated value	2 A			
at 220 V rated value	1A			
• at 600 V rated value	0.15 A			
operational current at DC-13				
at 24 V rated value	10 A			
at 48 V rated value	2 A			
	20			
 at 60 V rated value 	2 A			
• at 60 V rated value	2 A 1 A			
• at 110 V rated value	1 A			
 at 110 V rated value at 125 V rated value 	1 A 0.9 A			
 at 110 V rated value at 125 V rated value at 220 V rated value 	1 A 0.9 A 0.3 A			
 at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value 	1 A 0.9 A 0.3 A 0.1 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 A 0.9 A 0.3 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 UL/CSA ratings	1 A 0.9 A 0.3 A 0.1 A			
at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA)			
 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 UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 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 UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA)			
 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 UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A			
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 at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp			
 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 UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value for 3-phase AC motor for 3-phase AC motor at 200/208 V rated value at 200/208 V rated value at 220/230 V rated value 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp			
 at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp 200 hp			
 at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 460/480 V rated value at 460/480 V rated value at 575/600 V rated value 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp 200 hp 250 hp			
 at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 220/208 V rated value at 220/208 V rated value at 460/480 V rated value at 4575/600 V rated value contact rating of auxiliary contacts according to UL 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp 200 hp			
 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 contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value for 3-phase AC motor at 220/208 V rated value for 3-phase AC motor at 220/208 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value Contact rating of auxiliary contacts according to UL Short-circuit protection 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp 200 hp 250 hp			
 at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 220/208 V rated value at 220/208 V rated value at 460/480 V rated value at 4575/600 V rated value contact rating of auxiliary contacts according to UL 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp 200 hp 250 hp			
 at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value for 3-phase AC motor at 220/208 V rated value at 220/208 V rated value at 460/480 V rated value at 460/480 V rated value at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp 200 hp 250 hp			
 at 110 V rated value at 125 V rated value at 125 V rated value at 220 V rated value at 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 220/230 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp 200 hp 250 hp A600 / Q600 gG: 500 A (690 V, 100 kA)			
 at 110 V rated value at 125 V rated value at 125 V rated value at 220 V rated value at 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value for 3-phase AC motor at 220/208 V rated value at 220/208 V rated value at 460/480 V rated value at 460/480 V rated value at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp 200 hp 250 hp A600 / Q600			
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 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 contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 220/208 V rated value at 220/208 V rated value at 460/480 V rated value at 460/480 V rated value at 575/600 V rated value contact rating of auxiliary contacts according to UL 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 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp 200 hp 250 hp A600 / Q600 gG: 500 A (690 V, 100 kA) gG: 400 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA)			
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 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 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 220/230 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of assignment 2 required for short-circuit protection of the auxiliary switch required 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp 200 hp 250 hp A600 / Q600			
 at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 220/230 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link for short-circuit protection of the main circuit with type of assignment 2 required for short-circuit protection of the auxiliary switch required 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 242 A 75 hp 100 hp 200 hp 250 hp A600 / Q600			
 at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value at 600 V rated value contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value at 600 V rated value yielded mechanical performance [hp] for 3-phase AC motor at 220/230 V rated value at 220/230 V rated value at 460/480 V rated value at 575/600 V rated value at 575/600 V rated value contact rating of auxiliary contacts according to UL 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 Installation/ mounting/ dimensions mounting position 	1 A 0.9 A 0.3 A 0.1 A 1 faulty switching per 100 million (17 V, 1 mA) 240 A 240 A 242 A 75 hp 100 hp 200 hp 250 hp A600 / Q600 gG: 500 A (690 V, 100 kA) gG: 400 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing			

auirod spacing	202 mm			
equired spacing				
with side-by-side mounting forwards	20 mm			
— forwards	20 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	0 mm			
• for grounded parts				
— forwards	20 mm			
— upwards	10 mm			
— at the side	10 mm			
— downwards	10 mm			
• for live parts				
— forwards	20 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	10 mm			
onnections/ Terminals				
type of electrical connection				
for main current circuit	Connection bar			
 for auxiliary and control circuit 	spring-loaded terminals			
at contactor for auxiliary contacts	Spring-type terminals			
of magnet coil	Spring-type terminals			
width of connection bar	25 mm			
thickness of connection bar	6 mm			
diameter of holes	11 mm			
number of holes	1			
connectable conductor cross-section for main contacts				
stranded	70 240 mm²			
connectable conductor cross-section for auxiliary contacts				
 solid or stranded 	0.25 2.5 mm ²			
 finely stranded with core end processing 	0.25 1.5 mm²			
 finely stranded without core end processing 	0.25 2.5 mm ²			
type of connectable conductor cross-sections				
 for auxiliary contacts 				
— solid	2x (0.25 2.5 mm²)			
— solid or stranded	2x (0,25 2,5 mm²)			
 finely stranded with core end processing 	2x (0.25 1.5 mm²)			
 finely stranded without core end processing 	2x (0.25 2.5 mm²)			
 for AWG cables for auxiliary contacts 	2x (24 14)			
AWG number as coded connectable conductor cross section				
for auxiliary contacts	24 14			
fety related data				
product function				
 mirror contact according to IEC 60947-4-1 	Yes			
 positively driven operation according to IEC 60947-5-1 	No			
suitability for use safety-related switching OFF	Yes			
310 value with high demand rate according to SN 31920	1 000 000			
1 value for proof test interval or service life according to IEC 1508	20 a			
rotection class IP on the front according to IEC 60529	IP00; IP20 with box terminal/cover			
	finger-safe, for vertical contact from the front with box terminal/cover			
touch protection on the front according to IEC 60529				
touch protection on the front according to IEC 60529 ertificates/ approvals				

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EMC	Functional Safety/Safety of Ma- chinery	Declaration of Confor	mity	Test Certificates	
RCM	<u>Type Examination Cer-</u> <u>tificate</u>	UK CA	CE EG-Konf.	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>
Marine / Shipping					other
ABS	Lloyds Register urs	PRS	RMRS	DNV-GL ENVILCORIN	<u>Confirmation</u>
other			Railway		Environment
<u>Miscellaneous</u>	<u>Miscellaneous</u>	<u>Confirmation</u>	Special Test Certific- ate	Vibration and Shock	Environmental Con- firmations

Further informatior

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3RT1065-2AR36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1065-2AR36

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1065-2AR36

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

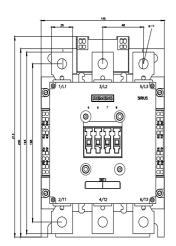
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1065-2AR36&lang=en

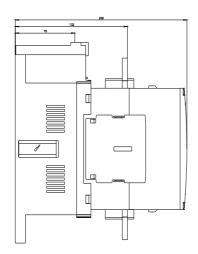
Characteristic: Tripping characteristics, I²t, Let-through current

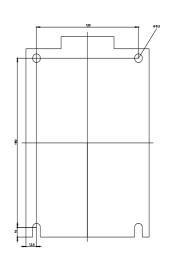
https://support.industry.siemens.com/cs/ww/en/ps/3RT1065-2AR36/char

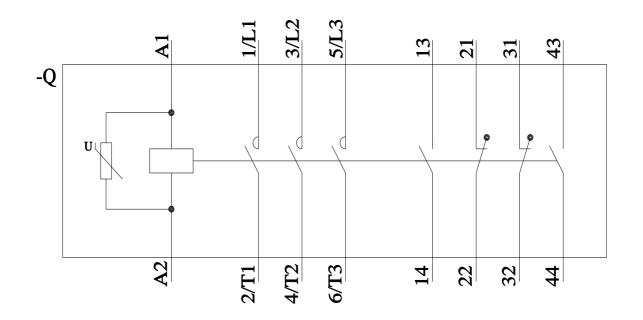
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1065-2AR36&objecttype=14&gridview=view1









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