SIEMENS

Data sheet

3RT1056-6SF36-3PA0

Contactor AC3: 90 kW / 400 V 3-pole Size S6 Coil AC 50/60Hz and DC 96...127 V x (0,8...1,1) auxiliary contacts: 2 NO + 2 NC permanently mounted (SUVA) Main: busbar connections coil and auxilliary: screw terminal



Figure similar

Product brand name	SIRIUS
Product designation	Power contactor
Product type designation	3RT1
General technical data	
Size of contactor	S6
Product extension	
 function module for communication 	No
Auxiliary switch	Yes
Insulation voltage	
rated value	1 000 V
Degree of pollution	3
Surge voltage resistance rated value	8 kV
maximum permissible voltage for safe isolation	
 between coil and main contacts acc. to EN 	690 V
60947-1	
Protection class IP	
• on the front	IP00

• of the terminal	IP00			
Shock resistance at rectangular impulse	8 Eq. / 5 mg. 4.2q. / 10 mg			
• 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 (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				
• maximum	2 000 m			
Ambient temperature				
 during operation 	-25 +60 °C			
during storage	-55 +80 °C			
Main circuit				
Number of poles for main current circuit	3			
Number of NO contacts for main contacts	3			
Operating voltage				
 at AC-3 rated value maximum 	1 000 V			
Operating current				
• at AC-1 at 400 V				
— at ambient temperature 40 °C rated value	215 A			
● at AC-1				
— up to 690 V at ambient temperature 40 °C rated value	215 A			
— up to 690 V at ambient temperature 60 °C rated value	185 A			
— up to 1000 V at ambient temperature 40 °C rated value	100 A			
— up to 1000 V at ambient temperature 60 °C rated value	100 A			
• at AC-2 at 400 V rated value	185 A			
• at AC-3				
— at 400 V rated value	185 A			
— at 500 V rated value	185 A			
— at 500 V rated value	170 A			
	65 A			
— at 1000 V rated value	UJ A			

at AC-1 95 mm ³ • at 40 °C minimum permissible 95 mm ³ Operating current for approx. 20000 operating cycles at AC-4 81 A • at 400 V rated value 81 A • at 400 V rated value 85 A Operating current for approx. 20000 operating cycles at AC-4 81 A • at 400 V rated value 81 A • at 400 V rated value 160 A - at 24 V rated value 18A - at 24 V rated value 0.5 A - at 400 V rated value 0.5 A - at 400 V rated value 0.5 A - at 400 V rated value 160 A - at 400 V rated value 160 A - at 410 V rated value 160 A - at 410 V rated value 160 A - at 410 V rated value 160 A - at 420 V rated value 160 A - at 440 V rated value 160 A - at 420 V rated value 160 A	Connectable conductor cross-section in main circuit	
at 40° C minimum permissible96 mm³Operating current for approx. 20000 operating cycles at AC481 A• at 400 V rated value81 A• at 600 V rated value86 AOperating current160 A- at 24 V rated value180 A- at 24 V rated value180 A- at 440 V rated value0.8 A- at 440 V rated value0.8 A- at 24 V rated value160 A- at 24 V rated value160 A- at 24 V rated value0.8 A- at 24 V rated value160 A- at 100 V rated value160 A- at 24 V rated value160 A- at 24 V rated value160 A- at 24 V rated value160 A- at 400 V rated value160 A- at 400 V rated value160 A- at 400 V rated value160 A- at 24 V rated value160 A- at 440 V rated value160 A- at 240 V rated value160 A- at 440 V rated value160 A- at 240 V rated value160 A- at 240 V rated value160 A- at 440 V	at AC-1	as 1
Operating current for approx. 20000 operating optios at AC-4 State S		
cycles at AC-4 81 A • at 600 V rated value 81 A • at 600 V rated value 81 A • at 1600 V rated value 81 A • at 1 current path at DC-1 - - at 24 V rated value 160 A - at 110 V rated value 18 A - at 420 V rated value 0.8 A - at 420 V rated value 0.8 A - at 440 V rated value 160 A - at 420 V rated value 0.8 A - at 420 V rated value 0.8 A - at 420 V rated value 0.8 A - at 220 V rated value 160 A - at 220 V rated value 160 A - at 220 V rated value 3.2 A - at 600 V rated value 160 A - at 110 V rated value 160 A - at 220 V rated value 100 A <t< td=""><td></td><td>95 mm²</td></t<>		95 mm ²
• at 600 V rated value 65 A Operating current - • at 1 current path at DC-1 160 A - at 24 V rated value 160 A - at 220 V rated value 3.4 A - at 220 V rated value 0.8 A - at 600 V rated value 0.5 A • with 2 current paths in series at DC-1 - - at 24 V rated value 160 A - at 10 V rated value 20 A - at 110 V rated value 160 A - at 110 V rated value 160 A - at 220 V rated value 160 A - at 240 V rated value 160 A - at 110 V rated value 160 A - at 240 v rated value 160 A - at 220 V rated value 160 A - at 400 V rated value 160 A - at 400 V rated value 160 A		
Operating current Instrument path at DC-1 - at 24 V rated value 160 A - at 10 V rated value 18 A - at 220 V rated value 3.4 A - at 400 V rated value 0.5 A - with 2 current paths in series at DC-1 - - at 220 V rated value 0.5 A - with 2 current paths in series at DC-1 - - at 240 V rated value 160 A - at 400 V rated value 160 A - at 600 V rated value 160 A - at 40 V rated value 0.6 A - at 110 V rated value <td>• at 400 V rated value</td> <td>81 A</td>	• at 400 V rated value	81 A
• at 24 V rated value 160 A - at 24 V rated value 18 A - at 220 V rated value 34 A - at 220 V rated value 0.8 A - at 400 V rated value 0.5 A - at 220 V rated value 160 A - at 240 V rated value 0.5 A - at 240 V rated value 160 A - at 24 V rated value 160 A - at 220 V rated value 160 A - at 24 V rated value 160 A - at 240 V rated value 160 A - at 240 V rated value 160 A - at 220 V rated value 160 A - at 240 V rated value 160 A - at 220 V rated value 160 A - at 240 V rated value 160 A - at 200 V rated value 150 A - at 200 V rated value 160 A - at 200 V rated value 05A - at 200 V rated value 017 A	• at 690 V rated value	65 A
- at 24 V rated value 160 A - at 110 V rated value 18 A - at 220 V rated value 3.4 A - at 400 V rated value 0.8 A - at 600 V rated value 0.8 A - at 600 V rated value 0.8 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 110 V rated value 20 A - at 220 V rated value 160 A - at 200 V rated value 160 A - at 200 V rated value 160 A - at 200 V rated value 160 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 200 V rated value 160 A - at 220 V rated value 160 A - at 220 V rated value 160 A - at 400 V rated value 160 A - at 400 V rated value 11.5 A - at 600 V rated value 25 A - at 220 V rated value 06 A - at 110 V rated value 0.6 A - at 400 V rated value 0.6 A - at 400 V rated value 0.6 A - at 400 V rated value 0.6 A	Operating current	
	 at 1 current path at DC-1 	
- at 220 V rated value 3.4 A - at 440 V rated value 0.8 A - at 600 V rated value 0.5 A • with 2 current paths in series at DC-1 - - at 24 V rated value 160 A - at 110 V rated value 180 A - at 440 V rated value 3.2 A - at 440 V rated value 3.2 A - at 440 V rated value 160 A - at 440 V rated value 160 A - at 440 V rated value 160 A - at 220 V rated value 160 A - at 220 V rated value 160 A - at 220 V rated value 160 A - at 440 V rated value 160 A - at 410 V rated value 160 A - at 220 V rated value 160 A - at 420 V rated value 160 A - at 440 V rated value 160 A - at 440 V rated value 160 A - at 110 V rated value 160 A - at 220 V rated value 160 A - at 24 V rated value 160 A - at 220 V rated value 0.6 A - at 440 V rated value 0.17 A - at 440 V rated value 160 A	— at 24 V rated value	160 A
	— at 110 V rated value	18 A
	— at 220 V rated value	3.4 A
 with 2 current paths in series at DC-1 at 24 V rated value at 24 V rated value at 110 V rated value at 20 V rated value at 440 V rated value at 440 V rated value at 600 V rated value at 600 V rated value at 24 V rated value at 220 V rated value at 24 V rated value at 24 V rated value at 220 V rated value at 440 V rated value at 600 A at 440 V rated value at 600 V rated value at 10 V rated value at 25 A at 440 V rated value at 10 V rated value at 25 A at 440 V rated value at 600 V rated value at 440 V rated value at 44	— at 440 V rated value	0.8 A
- at 24 V rated value 160 A - at 110 V rated value 180 A - at 220 V rated value 20 A - at 440 V rated value 3.2 A - at 600 V rated value 1.6 A • with 3 current paths in series at DC-1 - - at 24 V rated value 160 A - at 110 V rated value 160 A - at 110 V rated value 160 A - at 440 V rated value 160 A - at 440 V rated value 160 A - at 440 V rated value 160 A - at 600 V rated value 100 A - at 600 V rated value 11.5 A - at 600 V rated value 160 A - at 110 V rated value 160 A - at 22 V rated value 160 A - at 440 V rated value 160 A - at 24 V rated value 0.6 A - at 440 V rated value 0.17 A - at 600 V rated value 0.12 A • with 2 current paths in series at DC-3 at DC-5 - - at 24 V rated value 160 A - at 440 V rated value 160 A - at 440 V rated value 160 A - at 440 V rated value	— at 600 V rated value	0.5 A
 at 111 V rated value at 120 V rated value at 220 V rated value at 440 V rated value 32 A at 600 V rated value 16 A with 3 current paths in series at DC-1 at 24 V rated value 160 A at 110 V rated value 160 A at 220 V rated value 160 A at 440 V rated value 160 A at 440 V rated value 160 A at 220 V rated value 160 A at 440 V rated value 160 A at 220 V rated value 160 A at 440 V rated value 11.5 A at 600 V rated value 2.5 A at 110 V rated value 0.6 A at 440 V rated value 0.6 A at 440 V rated value 0.17 A at 600 V rated value 0.12 A with 2 current paths in series at DC-3 at DC-5 at 24 V rated value 160 A at 110 V rated value 0.6 A at 440 V rated value 0.65 A at 440 V rated value 0.65 A at 440 V rated value 0.65 A	 with 2 current paths in series at DC-1 	
	— at 24 V rated value	160 A
 at 440 V rated value at 440 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 24 V rated value at 24 V rated value at 20 V rated value at 20 V rated value at 440 V rated value at 600 V rated value at 600 V rated value be at 400 V rated value at 600 V rated value be at 10 V rated value c at 600 V rated value c at 10 V rated value at 200 V rated value at 400 V rated value at 200 V rated value at 200 V rated value at 400 V rated value<td>— at 110 V rated value</td><td>160 A</td>	— at 110 V rated value	160 A
- at 600 V rated value 1.6 A - at 600 V rated value 160 A - at 24 V rated value 160 A - at 110 V rated value 160 A - at 220 V rated value 160 A - at 220 V rated value 160 A - at 440 V rated value 160 A - at 600 V rated value 100 A - at 440 V rated value 11.5 A - at 600 V rated value 4 A Operating current - • at 10 V rated value 160 A - at 24 V rated value 0.6 A - at 20 V rated value 0.17 A - at 600 V rated value 0.12 A • with 2 current paths in series at DC-3 at DC-5 - - at 24 V rated value 160 A - at 20 V rated value 160 A - at 400 V rated value 0.12 A • with 2 current paths in series at DC-3 at DC-5 - - at 24 V rated value 160 A - at 20 V rated value 0.65 A - at 440 V rated value	— at 220 V rated value	20 A
• with 3 current paths in series at DC-1 160 A - at 24 V rated value 160 A - at 110 V rated value 160 A - at 220 V rated value 160 A - at 220 V rated value 160 A - at 40 V rated value 160 A - at 400 V rated value 11.5 A - at 600 V rated value 4 A Operating current - at 24 V rated value 160 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 210 V rated value 160 A - at 220 V rated value 0.6 A - at 220 V rated value 0.17 A - at 240 V rated value 0.12 A - at 240 V rated value 160 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 240 V rated value 0.65 A - at 220 V rated value 160 A - at 220 V rated value 0.65 A - at 440 V rated value 0.65 A - at 440 V rated value 0.37 A <	— at 440 V rated value	3.2 A
- at 24 V rated value 160 A - at 110 V rated value 160 A - at 220 V rated value 160 A - at 400 V rated value 11.5 A - at 600 V rated value 4 A Operating current - at 10 V rated value 160 A - at 24 V rated value 160 A - at 24 V rated value 160 A - at 220 V rated value 0.6 A - at 440 V rated value 0.6 A - at 440 V rated value 0.12 A - at 24 V rated value 0.12 A - at 220 V rated value 160 A - at 24 V rated value 160 A - at 400 V rated value 0.12 A - at 220 V rated value 160 A - at 220 V rated value 160 A - at 220 V rated value 160 A - at 24 V rated value 160 A - at 220 V rated value 160 A - at 220 V rated value 160 A - at 400 V rated value 160 A - at 400 V rated value 0.55 A - at 400 V rated value 0.55 A - at 600 V rated value 0.55 A - a	— at 600 V rated value	1.6 A
at 110 V rated value160 A at 220 V rated value160 A at 440 V rated value11.5 A at 600 V rated value4 AOperating current	 with 3 current paths in series at DC-1 	
at 220 V rated value160 A at 440 V rated value11.5 A at 600 V rated value4 AOperating current	— at 24 V rated value	160 A
In Lie V rated value11.5 A- at 400 V rated value4 AOperating current4 A• at 1 current path at DC-3 at DC-5- at 24 V rated value- at 24 V rated value160 A- at 110 V rated value0.6 A- at 440 V rated value0.17 A- at 600 V rated value0.12 A• with 2 current paths in series at DC-3 at DC-5- at 24 V rated value- at 24 V rated value0.12 A- at 24 V rated value160 A- at 24 V rated value160 A- at 24 V rated value160 A- at 220 V rated value160 A- at 24 V rated value160 A- at 24 V rated value160 A- at 240 V rated value160 A- at 220 V rated value0.65 A- at 440 V rated value0.65 A- at 600 V rated value0.37 A• with 3 current paths in series at DC-3 at DC-5- at 600 V rated value	— at 110 V rated value	160 A
at 600 V rated value4 AOperating current	— at 220 V rated value	160 A
Operating current• at 1 current path at DC-3 at DC-5- at 24 V rated value160 A- at 110 V rated value2.5 A- at 220 V rated value0.6 A- at 440 V rated value0.17 A- at 600 V rated value0.12 A• with 2 current paths in series at DC-3 at DC-5- at 220 V rated value160 A- at 24 V rated value0.12 A• with 2 current paths in series at DC-3 at DC-5- at 24 V rated value160 A- at 220 V rated value160 A- at 220 V rated value0.65 A- at 600 V rated value0.65 A- at 600 V rated value0.37 A	— at 440 V rated value	11.5 A
 at 1 current path at DC-3 at DC-5 at 24 V rated value at 24 V rated value at 110 V rated value at 220 V rated value 0.6 A at 440 V rated value 0.17 A at 600 V rated value 0.12 A with 2 current paths in series at DC-3 at DC-5 at 24 V rated value 160 A at 110 V rated value 160 A at 220 V rated value 0.6 A 0.12 A 	— at 600 V rated value	4 A
- at 24 V rated value160 A- at 110 V rated value2.5 A- at 220 V rated value0.6 A- at 440 V rated value0.17 A- at 600 V rated value0.12 A• with 2 current paths in series at DC-3 at DC-5160 A- at 24 V rated value160 A- at 220 V rated value160 A- at 220 V rated value0.65 A- at 600 V rated value0.37 A• with 3 current paths in series at DC-3 at DC-50.37 A	Operating current	
 at 110 V rated value at 220 V rated value 0.6 A at 440 V rated value 0.17 A at 600 V rated value 0.12 A • with 2 current paths in series at DC-3 at DC-5 at 24 V rated value 160 A at 220 V rated value 160 A at 220 V rated value 0.65 A at 600 V rated value 0.65 A at 600 V rated value 0.37 A 	 at 1 current path at DC-3 at DC-5 	
 at 220 V rated value at 440 V rated value at 600 V rated value 0.17 A at 600 V rated value 0.12 A with 2 current paths in series at DC-3 at DC-5 at 24 V rated value 160 A at 110 V rated value 160 A at 220 V rated value 0.65 A at 600 V rated value 0.37 A 	— at 24 V rated value	160 A
 at 440 V rated value at 600 V rated value with 2 current paths in series at DC-3 at DC-5 at 24 V rated value 160 A at 110 V rated value 60 A at 220 V rated value 0.65 A at 600 V rated value 0.37 A 	— at 110 V rated value	2.5 A
 at 600 V rated value at 600 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 220 V rated value at 220 V rated value at 440 V rated value 0.65 A at 600 V rated value 0.37 A 	— at 220 V rated value	0.6 A
 with 2 current paths in series at DC-3 at DC-5 at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value 0.65 A at 600 V rated value 0.37 A 	— at 440 V rated value	0.17 A
at 24 V rated value160 A at 110 V rated value160 A at 220 V rated value2.5 A at 440 V rated value0.65 A at 600 V rated value0.37 A	— at 600 V rated value	0.12 A
 at 110 V rated value at 220 V rated value at 440 V rated value at 600 V rated value with 3 current paths in series at DC-3 at DC-5 	 with 2 current paths in series at DC-3 at DC-5 	
	— at 24 V rated value	160 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 110 V rated value	160 A
 at 600 V rated value with 3 current paths in series at DC-3 at DC-5 	— at 220 V rated value	2.5 A
• with 3 current paths in series at DC-3 at DC-5	— at 440 V rated value	0.65 A
	— at 600 V rated value	0.37 A
- at 24 V rated value 160 A	 with 3 current paths in series at DC-3 at DC-5 	
	— at 24 V rated value	160 A

— at 110 V rated value	160 A
— at 220 V rated value	160 A
— at 440 V rated value	1.4 A
— at 600 V rated value	0.75 A
Operating power	
• at AC-1	
— at 230 V at 60 °C rated value	70 kW
— at 400 V rated value	121 kW
— at 400 V at 60 °C rated value	121 kW
— at 690 V rated value	215 kW
— at 690 V at 60 °C rated value	210 kW
— at 1000 V at 60 °C rated value	165 kW
• at AC-2 at 400 V rated value	90 kW
• at AC-3	
— at 230 V rated value	61 kW
— at 400 V rated value	90 kW
— at 500 V rated value	132 kW
— at 690 V rated value	160 kW
— at 1000 V rated value	90 kW
Operating power for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	45 kW
• at 690 V rated value	65 kW
Thermal short-time current limited to 10 s	1 480 A
Power loss [W] at AC-3 at 400 V for rated value of	13 W
the operating current per conductor	
No-load switching frequency	
• at DC	1 000 1/h
Operating frequency	
• at AC-1 maximum	800 1/h
• at AC-2 maximum	300 1/h
• at AC-3 maximum	750 1/h
• at AC-4 maximum	130 1/h
Control circuit/ Control	
Type of voltage of the control supply voltage	AC/DC
Control supply voltage at AC	
• at 50 Hz rated value	96 127 V
• at 60 Hz rated value	96 127 V
Control supply voltage at DC	00 407.1/
rated value	96 127 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 of magnet coil at AC				
• at 50 Hz	280 V·A			
Inductive power factor with closing power of the coil				
• at 50 Hz	0.8			
Apparent holding power of magnet coil at AC				
• at 50 Hz	4.4 V·A			
Inductive power factor with the holding power of the				
coil				
• at 50 Hz	0.5			
Closing power of magnet coil at DC	320 W			
Holding power of magnet coil at DC	2.8 W			
Closing delay				
• at AC	60 75 ms			
• at DC	60 75 ms			
Opening delay				
• at AC	115 130 ms			
• at DC	115 130 ms			
Recovery time after power failure typical	2 s			
Arcing time	10 15 ms			
Control version of the switch operating mechanism	Fail-safe PLC input (F-PLC-IN)			
Auxiliary circuit				
Number of NC contacts				
 for auxiliary contacts 				
— instantaneous contact	2			
Number of NO contacts				
 for auxiliary contacts 				
— instantaneous contact	2			
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			
● 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			

6 A
6 A
3 A
2 A
1 A
0.15 A
10 A
2 A
2 A
1 A
0.9 A
0.3 A
0.1 A
1 faulty switching per 100 million (17 V, 1 mA)

UL/CSA ratings

Full-load current (FLA) for three-phase AC motor	
• at 480 V rated value	180 A
• at 600 V rated value	192 A
Yielded mechanical performance [hp]	
 for single-phase AC motor 	
— at 230 V rated value	30 hp
 for three-phase AC motor 	
— at 200/208 V rated value	60 hp
— at 220/230 V rated value	75 hp
— at 460/480 V rated value	150 hp
— at 575/600 V rated value	200 hp
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	Fuse gG: 355 A
— with type of assignment 2 required	Fuse gG: 315 A
 for short-circuit protection of the auxiliary switch 	fuse gG: 10 A
required	
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 fixing
 Side-by-side mounting 	Yes

Height	172 mm
Width	120 mm
Depth	170 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			
 at AWG conductors for main contacts 	2x 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)		
— single or multi-stranded	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		

Safety related data				
Safety device type acc. to IEC 61508-2	Туре В			
B10 value				
 with high demand rate acc. to SN 31920 	1 000 000			
Safety Integrity Level (SIL) acc. to IEC 61508	2			
SIL Claim Limit (subsystem) acc. to EN 62061	2			
Performance level (PL) acc. to EN ISO 13849-1	C			
Category acc. to EN ISO 13849-1	2			
Stop category acc. to DIN EN 60204-1	0			
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- 1 	No			
PFHD with high demand rate acc. to EN 62061	0.0000045 1/h			
PFDavg with low demand rate acc. to IEC 61508	0.007			
MTBF	75 у			
Hardware fault tolerance acc. to IEC 61508	0			
T1 value for proof test interval or service life acc. to IEC 61508	20 у			
Protection against electrical shock	finger-safe when touched vertically from front acc. to IEC 60529			
Certificates/approvals				

General Prod	uct Approval		Functional Safety/Safety of Machinery	Declaration of Conformity
	CSA CSA	EHC	Type Examination Certificate	EG-Konf.

Test	Marine /	other		
Certificates	Shipping			
Special Test Certificate	DNV-GL DNV-GL	Confirmation	Miscellaneous	

Further information

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

Industry Mall (Online ordering system)

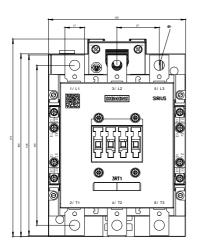
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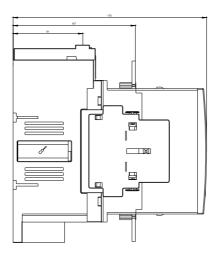
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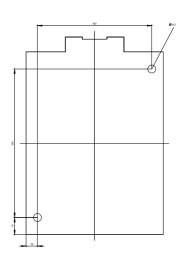
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT1056-6SF36-3PA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1056-6SF36-3PA0&lang=en







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