SIEMENS

Data sheet 3RT1264-6LA06

Vacuum contactor, AC-3 without coil Auxiliary contacts 2 NO + 2 NC 3-pole, Size S10 Main conductor: Busbar connections Auxiliary conductor: Screw terminals



Figure similar

Product brand name	SIRIUS
Product designation	Vacuum contactor
Product type designation	3RT12

•			
General technical data			
Size of contactor	S10		
Product extension			
 function module for communication 	No		
Auxiliary switch	Yes		
Surge voltage resistance			
 of main circuit rated value 	8 kV		
 of auxiliary circuit rated value 	6 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; IP20 on the front with cover / box terminal		
of the terminal	IP00		

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 (switching cycles)			
of contactor typical	10 000 000		
 of the contactor with added electronics- 	5 000 000		
compatible auxiliary switch block typical			
 of the contactor with added auxiliary switch block typical 	10 000 000		
Reference code acc. to DIN 40719 extended	К		
according to IEC 204-2 acc. to IEC 750			
Reference code acc. to DIN EN 81346-2	Q		
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 	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	330 A		
— up to 1000 V at ambient temperature 60 °C rated value	300 A		
• at AC-2 at 400 V rated value	225 A		
• at AC-3			
at AC-3at 400 V rated value	225 A		

— at 690 V rated value 22	25 A
— at 1000 V rated value	25 A
• at AC-4 at 400 V rated value	95 A
nectable conductor cross-section in main circuit	
C-1	
at co o miniman pormissions	85 mm ²
	85 mm ²
rating current for approx. 200000 operating es at AC-4	
• at 400 V rated value 97	7 A
• at 690 V rated value 68	8 A
rating power	
at AC-1	
— at 230 V at 60 °C rated value	13 kW
— at 400 V rated value	97 kW
— at 400 V at 60 °C rated value	00 kW
— at 690 V rated value 34	40 kW
— at 690 V at 60 °C rated value 34	40 kW
— at 1000 V at 60 °C rated value 49	92 kW
• at AC-2 at 400 V rated value	10 kW
• at AC-3	
— at 230 V rated value 55	5 kW
— at 400 V rated value	10 kW
— at 500 V rated value	60 kW
— at 690 V rated value 20	00 kW
— at 1000 V rated value 31	15 kW
rating power for approx. 200000 operating cycles	
C-4	
• at 400 V rated value 55	5 kW
• at 690 V rated value	4 kW
	800 A
	W
operating current per conductor	
oad switching frequency	000 4//
	000 1/h
	000 1/h
rating frequency	00.4/b
	00 1/h
	00 1/h
	50 1/h
at AC-4 maximum 25	5U 1/h
	50 1/h

Closing delay at AC 30 95 ms • at DC 30 95 ms Opering delay 40 80 ms • at DC 40 80 ms Acring time 10 15 ms Control version of the switch operating mechanism Without operating mechanism Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact 2 Number of NC contacts for auxiliary contacts 2 • instantaneous contact 2 Operating current at AC-12 maximum 10 A Operating current at AC-15 40 ms • at 230 V rated value 3 A • at 890 V rated value 1 A • at 890 V rated value 1 A • at 48 V rated value 6 A • at 48 V rated value 3 A • at 10 V rated value 3 A • at 220 V rated value 1 A • at 80 V rated value 3 A • at 60 V rated value 1 A • at 60 V rated value 1 A • at 80 V rated value 1 A • at 80 V rated value 2 A <th>Type of voltage of the control supply voltage</th> <th>AC/DC</th>	Type of voltage of the control supply voltage	AC/DC
• at DC Opening delay • at AC • at DC Arcing time 10 15 ms Control version of the switch operating mechanism Without operating mechanism Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact 12 Number of NC contacts for auxiliary contacts • instantaneous contact Operating current at AC-12 maximum 10 A Operating current at DC-12 • at 24 V rated value 1 A 0 A 0 at 1600 V rated value 1 A 0 A 1 A 0 A 1 A 0 A 0 A 1 A 0 A 0 A 0 A 0 A 0 A 0 A 0 A 0 A 0 A 0	Closing delay	
Opening delay 40 80 ms • at DC 40 80 ms Arcing time 10 15 ms Control version of the switch operating mechanism Without operating mechanism Auxiliary circuit Without operating mechanism Number of NC contacts for auxiliary contacts 2 • instantaneous contact 2 Operating current at AC-12 maximum 10 A Operating current at AC-15 6 A • at 230 V rated value 6 A • at 400 V rated value 1 A • at 24 V rated value 10 A • at 30 V rated value 6 A • at 48 V rated value 6 A • at 10 V rated value 6 A • at 110 V rated value 1 A • at 220 V rated value 1 A • at 220 V rated value 1 A • at 24 V rated value 10 A • at 25 V rated value 2 A • at 26 OV rated value 1 A • at 27 V rated value 1 A • at 27 V rated value 2 A • at 48 V rated value 2 A • at 140 V	• at AC	30 95 ms
	• at DC	30 95 ms
• at DC 40 80 ms Arcing time 10 15 ms Control version of the switch operating mechanism Without operating mechanism Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact 2 Number of NC contacts for auxiliary contacts • instantaneous contact 2 Operating current at AC-12 maximum 10 A Operating current at AC-15 maximum 6 A Operating current at AC-16 6 A • at 230 V rated value 3 A • at 690 V rated value 1 A Operating current at DC-12 • at 24 V rated value 6 A • at 48 V rated value 6 A • at 110 V rated value 6 A • at 110 V rated value 1 A • at 220 V rated value 1 A Operating current at DC-12 • at 220 V rated value 1 A • at 125 V rated value 1 A • at 125 V rated value 1 A • at 126 V rated value 1 A • at 127 V rated value 1 A • at 128 V rated value 1 A • at 128 V rated value 1 A • at 60 V rated value 1 A • at 24 V rated value 1 A • at 24 V rated value 2 A • at 24 V rated value 2 A • at 25 V rated value 1 A • at 20 V rated value 2 A • at 125 V rated value 2 A • at 125 V rated value 1 A • at 125 V rated value 2 A • at 125 V rated value 1 A • at 1	Opening delay	
Arcing time 10 15 ms Control version of the switch operating mechanism Without operating mechanism Auxiliary circuit Number of NC 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 1A Operating current at DC-12 • at 24 V rated value 6 A • at 48 V rated value 6 A • at 110 V rated value 7 • at 220 V rated value 8 • at 600 V rated value 9 • at 600 V rated value 10 A Operating current at DC-12 • at 24 V rated value 6 A • at 110 V rated value 10 A • at 125 V rated value 2 A • at 220 V rated value 10 A • at 220 V rated value 10 A • at 24 V rated value 2 A • at 25 V rated value 10 A • at 25 V rated value 10 A • at 28 V rated value 10 A • at 29 V rated value 10 A • at 20 V rated value 10 A • at 24 V rated value 2 A • at 20 V rated value 2 A • at 30 V rated value 2 A • at 110 V rated value 10 A • at 220 V rated value 2 A • at 110 V rated value 2 A • at 220 V rated value 10 A • at 220 V rated value 11 A • at 240 V rated value 11 A • at 250	• at AC	40 80 ms
Control version of the switch operating mechanism Auxiliary circuit Number of NC contacts for auxiliary contacts • instantaneous contact 2 Number of NC 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 • at 400 V rated value • at 690 V rated value • at 890 V rated value • at 80 V rated value • at 80 V rated value • at 80 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 110 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 27 V rated value • at 28 V rated value • at 29 V rated value • at 20 V rated value • at 600 V rated value •	• at DC	40 80 ms
Number of NC contacts for auxiliary contacts	Arcing time	10 15 ms
Number of NC contacts for auxiliary contacts • instantaneous contact 2 Number of NO contacts for auxiliary contacts 2 Operating current at AC-12 maximum 10 A Operating current at AC-15 6 A • at 230 V rated value 6 A • at 690 V rated value 1 A • at 690 V rated value 6 A • at 44 V rated value 6 A • at 48 V rated value 6 A • at 48 V rated value 6 A • at 110 V rated value 6 A • at 220 V rated value 6 A • at 220 V rated value 1 A • at 220 V rated value 1 A • at 600 V rated value 1 A • at 25 V rated value 1 A • at 27 V rated value 1 A • at 28 V rated value 2 A • at 28 V rated value 2 A • at 29 V rated value 2 A • at 29 V rated value 2 A • at 20 V rated value 3 A • at 20 V rated value 0.9 A • at 20 V rated value 0.9 A • at 20 V rated value 0.1 A • at 20 V rated value 0.1 A • at 20 V rated value 0.1 A • at 48 V rated value 0.1 A	Control version of the switch operating mechanism	Without operating mechanism
● instantaneous contact 2 Number of NO contacts for auxilliary contacts 2 ● instantaneous contact 2 Operating current at AC-12 maximum 10 A Operating current at AC-15 4 230 V rated value ● at 400 V rated value 3 A ● at 690 V rated value 1 A Operating current at DC-12 4 24 V rated value ● at 24 V rated value 6 A ● at 48 V rated value 6 A ● at 125 V rated value 3 A ● at 125 V rated value 1 A ● at 220 V rated value 1 A ● at 220 V rated value 0.15 A Operating current at DC-13 10 A ● at 24 V rated value 2 A ● at 100 V rated value 2 A ● at 100 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 Full-load current (FLA) for three-phase AC motor 180 A • at 600 V rated value <t< th=""><th>Auxiliary circuit</th><th></th></t<>	Auxiliary circuit	
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 • at 400 V rated value • at 690 V rated value • at 24 V rated value • 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 220 V rated value • at 24 V rated value • at 25 V rated value • at 27 V rated value • at 28 V rated value • at 29 V rated value • at 20 V rated value • at 20 V rated value • at 20 V rated value • at 60 V rated value • at 24 V rated value • at 25 V rated value • at 27 V rated value • at 28 V rated value • at 29 V rated value • at 20 V rated value • at 110 V rated value • at 110 V rated value • at 125 V rated value • at 125 V rated value • at 120 V rated value • at 20 V rated value • at 120 V rated value • at 20 V rated value • at 48 V rated value • at 20 V rated value • at 48 V rated value • at 60 V rated value • at 48 V rated value • at 60 V rated val	Number of NC 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 3 A • at 690 V rated value 11 A Operating current at DC-12 • at 24 V rated value 5 6 A • at 40 V rated value 10 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 6 A • at 110 V rated value 7 A • at 220 V rated value 7 A • at 220 V rated value 7 A • at 220 V rated value 8 A • at 125 V rated value 9 A • at 220 V rated value 9 A • at 24 V rated value 9 A • at 600 V rated value 9 A • at 24 V rated value 9 A • at 24 V rated value 9 A • at 24 V rated value 9 A • at 25 V rated value 10 A • at 27 V rated value 10 A • at 28 V rated value 10 A • at 28 V rated value 10 A • at 29 V rated value 10 A • at 110 V rated value 11 A • at 125 V rated value 11 A • at 120 V rated value 11 A • at 600 V rated value 180 A • at 600 V rated value 180 A • at 600 V rated value 180 A	• instantaneous contact	2
Operating current at AC-12 maximum	Number of NO contacts for auxiliary contacts	
Operating current at AC-15	• instantaneous contact	2
 at 230 V rated value at 400 V rated value at 690 V rated value 1 A Operating current at DC-12 at 24 V rated value 6 A at 48 V rated value 6 A at 110 V rated value at 220 V rated value at 600 V rated value at 600 V rated value at 600 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 25 V rated value at 27 V rated value at 28 V rated value at 29 V rated value at 100 V rated value at 110 V rated value at 110 V rated value at 110 V rated value at 125 V rated value at 125 V rated value at 20 V rated value at 600 V rated value at 480 V rated value 	Operating current at AC-12 maximum	10 A
at 400 V rated value at 690 V rated value 1 A Operating current at DC-12 at 24 V rated value 10 A at 48 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 600 V rated value at 220 V rated value at 48 V rated value at 600 V rated value at 220 V rated value at 220 V rated value at 220 V rated value at 24 V rated value at 24 V rated value at 24 V rated value at 48 V rated value at 48 V rated value at 60 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 220 V rated value at 320 V rated value at 34 80 V rated value at 600 V rated value 3 A at 600 V rated value 3 A at 600 V rated value 3 A 3 A 4 at 600 V rated value 4 at 600 V rated value 3 A 4 at 600 V rated value 3 A 4 at 600 V rated value 5 at 600 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 9 at 600 V rated value 9 at 600 V rated valu	Operating current at AC-15	
• at 690 V rated value 1 A Operating current at DC-12 • at 24 V rated value 6 A • at 48 V rated value 6 A • at 60 V rated value 6 A • at 110 V rated value 2 A • at 220 V rated value 1 A • at 220 V rated value 1 A • at 800 V rated value 2 A • at 220 V rated value 1 A • at 800 V rated value 1 A • at 600 V rated value 2 A • at 220 V rated value 2 A • at 220 V rated value 1 A • at 220 V rated value 1 A • at 24 V rated value 2 A • at 25 V rated value 2 A • at 27 V rated value 1 A • at 28 V rated value 1 A • at 29 V rated value 1 A • at 20 V rated value 1 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 220 V rated value 1 A • at 300 V rated value 1 A • at 480 V rated value 1 A • at 480 V rated value 1 A • at 480 V rated value 180 A • at 480 V rated value 180 A • at 600 V rated value 180 A • at 600 V rated value 180 A	• at 230 V rated value	6 A
Operating current at DC-12 • at 24 V rated value	● at 400 V rated value	3 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 48 V rated value at 60 V rated value at 110 V rated value at 110 V rated value at 110 V rated value at 125 V rated value at 20 V rated value at 20 V rated value at 600 V rated value at 480 V rated value at 480 V rated value at 600 V rated value at 480 V rated value at 600 V rated value 	● 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 1 A • at 600 V rated value 1 A • at 600 V rated value 10.15 A Operating current at DC-13 • 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 125 V rated value 1 A • at 220 V rated value 1 A • at 480 V rated value 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 480 V rated value 180 A • at 600 V rated value 192 A	Operating current at DC-12	
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 at 600 V rated value at 600 V rated value at 24 V rated value at 24 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 125 V rated value at 600 V rated value at 125 V rated value at 125 V rated value at 200 V rated value at 300 V rated value at 480 V rated value 3 A at 600 V rated value 3 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	at 24 V rated value	10 A
 at 110 V rated value at 125 V rated value 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 at 60 V rated value at 60 V rated value at 110 V rated value at 110 V rated value at 1125 V rated value at 220 V rated value at 600 V rated value 1 A at 220 V rated value 1 A at 3 A at 600 V rated value 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 at 600 V rated value 180 A at 600 V rated value 	• at 48 V rated value	6 A
 at 125 V rated value 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 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 220 V rated value at 600 V rated value at 600 V rated value at 14 M at 15 V rated value at 15 V rated value at 220 V rated value at 220 V rated value at 600 V rated value 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 at 600 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 1 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 at 480 V rated value 1 taulty 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 180 A	● at 110 V rated value	3 A
at 600 V rated value Operating current at DC-13 at 24 V rated value 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 220 V rated value at 600 V rated value	● 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 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) UL/CSA ratings Full-load current (FLA) for three-phase AC motor • at 480 V rated value • at 600 V rated value 180 A 192 A	• 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 125 V rated value at 220 V rated value at 600 V rated value 	● 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 A at 600 V rated value 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 at 480 V rated value at 600 V rated value 180 A at 600 V rated value 192 A 	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 out 600 V rated value the contact reliability of auxiliary contacts Tontact 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 480 V rated value 180 A at 600 V rated value 192 A	• 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 O.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 480 V rated value at 600 V rated value 180 A 192 A	• at 48 V rated value	2 A
 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) UL/CSA ratings Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value 180 A 192 A 	● 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) UL/CSA ratings Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value 180 A 192 A 	● 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) UL/CSA ratings Full-load current (FLA) for three-phase AC motor at 480 V rated value at 600 V rated value 180 A 192 A 	● at 125 V rated value	0.9 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 480 V rated value • at 600 V rated value 180 A 192 A	• at 220 V rated value	
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	● at 600 V rated value	0.1 A
Full-load current (FLA) for three-phase AC motor • at 480 V rated value • at 600 V rated value 180 A 192 A	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 180 A 192 A 	UL/CSA ratings	
• at 600 V rated value 192 A	Full-load current (FLA) for three-phase AC motor	
	● at 480 V rated value	180 A
Yielded mechanical performance [hp]	• at 600 V rated value	192 A
	Yielded mechanical performance [hp]	

for three-phase AC motor
— at 200/208 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
60 hp
75 hp
150 hp
200 hp

A600 / Q600

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

gG: 500 A (690 V, 100 kA)

gG: 500 A (690 V, 100 kA), aM: 400 A (690 V, 50 kA), BS88: 450

A (415 V, 50 kA)

gG: 10 A (500 V, 1 kA)

nstallation/ mounting/ dimensions	
Mounting position	+/-22,5° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface; standing, on horizontal mounting surface
Mounting type	screw fixing
 Side-by-side mounting 	Yes
Height	210 mm
Width	145 mm
Depth	206 mm
Required spacing	
with side-by-side mounting	
— 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

Connections/Terminals

Type of electrical connection

• for main current circuit	Connection bar
 for auxiliary and control current circuit 	screw-type terminals
Type of connectable conductor cross-sections	
 at AWG conductors for main contacts 	2/0 500 kcmil
Connectable conductor cross-section for main	
contacts	
• stranded	70 240 mm²
Connectable conductor cross-section for auxiliary	
contacts	
single or multi-stranded	0.5 4 mm²
 finely stranded with core end processing 	0.5 2.5 mm ²
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
AWG number as coded connectable conductor cross	
section	
• for auxiliary contacts	18 14

Safety	related	data

Product function

• Mirror contact acc. to IEC 60947-4-1

• positively driven operation acc. to IEC 60947-5-

1

Protection against electrical shock

Yes

No

finger-safe when touched vertically from front acc. to IEC 60529

Certificates/approvals

General Prod	luct Approval		Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certific- ates
(F)	(UL)	EAC	Type Examination Certificate	CE EG-Konf.	Special Test Certificate

Marine / Shipping

other





Confirmation

Miscellaneous

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=3RT1264-6LA06

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1264-6LA06

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1264-6LA06

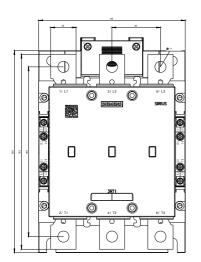
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1264-6LA06&lang=en

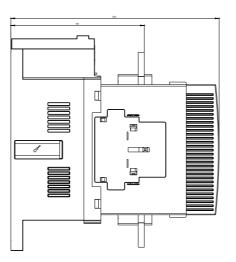
Characteristic: Tripping characteristics, I2t, Let-through current

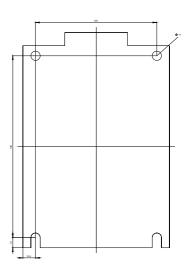
https://support.industry.siemens.com/cs/ww/en/ps/3RT1264-6LA06/char

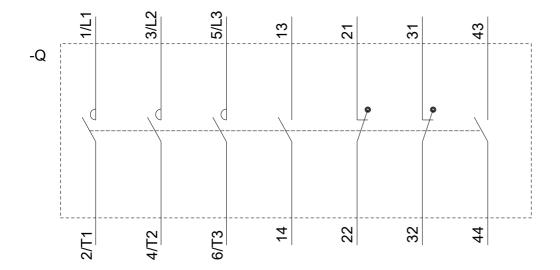
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1264-6LA06&objecttype=14&gridview=view1









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