SIEMENS

Data sheet

3RT1066-6SF36-3PA0



power contactor, AC-3e/AC-3 300 A, 160 kW / 400 V, AC (50-60 Hz) / DC 96-127 V x (0.8-1.1) F-PLC input 24 V DC 3-pole, auxiliary contacts 2 NO + 2 NC permanently mounted drive: electronic main circuit: busbar control and auxiliary circuit: screw terminal

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 	66 W
 at AC in hot operating state per pole 	22 W
 without load current share typical 	3.4 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)	03/01/2017
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 maximum	95 %

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
 at AC-3e rated value maximum 	1 000 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	300 A
— at 500 V rated value	300 A
— at 690 V rated value	280 A
— at 1000 V rated value	95 A
• at AC-3e	
— at 400 V rated value	300 A
— at 500 V rated value	300 A
— at 690 V rated value	280 A
— at 1000 V rated value	95 A
 at AC-4 at 400 V rated value 	280 A
 at AC-5a up to 690 V rated value 	290 A
 at AC-5b up to 400 V rated value 	249 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	292 A
— up to 400 V for current peak value n=20 rated value	292 A
— up to 500 V for current peak value n=20 rated value	292 A
— up to 690 V for current peak value n=20 rated value	280 A
 — up to 1000 V for current peak value n=20 rated value 	95 A
• at AC-6a	
 — up to 230 V for current peak value n=30 rated value 	195 A
 — up to 400 V for current peak value n=30 rated value 	195 A
 — up to 500 V for current peak value n=30 rated value 	195 A
 — up to 690 V for current peak value n=30 rated value 	195 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 value	185 mm²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	125 A
at 690 V rated value	115 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-2 at 400 V rated value 	160 kW
• at AC-3	
— at 230 V rated value	90 kW
— at 400 V rated value	160 kW
— at 500 V rated value	200 kW
— at 690 V rated value	250 kW
— at 1000 V rated value	132 kW
• at AC-3e	
— at 230 V rated value	90 kW
— at 400 V rated value	160 kW
— at 500 V rated value	200 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	74 1001
at 400 V rated value	71 kW
• at 690 V rated value	112 kW
operating apparent power at AC-6a	440,000 12/4
• up to 230 V for current peak value n=20 rated value	110 000 kVA
up to 400 V for current peak value n=20 rated value	200 000 VA
up to 500 V for current peak value n=20 rated value	250 000 VA
up to 690 V for current peak value n=20 rated value	330 000 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	130 000 VA
up to 500 V for current peak value n=30 rated value	160 000 VA
up to 690 V for current peak value n=30 rated value	230 000 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				
Imited to 1 s switching at zero current maximum	5 524 A; Use minimum cross-section acc. to AC-1 rated value			
-				
 limited to 5 s switching at zero current maximum limited to 10 a quitching at zero current maximum 	4 579 A; Use minimum cross-section acc. to AC-1 rated value			
Imited to 10 s switching at zero current maximum	3 153 A; Use minimum cross-section acc. to AC-1 rated value			
Imited to 30 s switching at zero current maximum	1 883 A; Use minimum cross-section acc. to AC-1 rated value			
Imited to 60 s switching at zero current maximum	1 445 A; Use minimum cross-section acc. to AC-1 rated value			
no-load switching frequency	4 000 4 //			
• at AC	1 000 1/h			
• at DC	1 000 1/h			
operating frequency	500 4/1-			
• at AC-1 maximum	500 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				
type of voltage of the control supply voltage	AC/DC			
control supply voltage at AC	00 407.1/			
at 50 Hz rated value	96 127 V			
at 60 Hz rated value	96 127 V			
control supply voltage at DC	06 107.1/			
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			
type of PLC-control input according to IEC 60947-1	Туре 1			
consumed current at PLC-control input according to IEC 60947-1 maximum	14 mA			
voltage at PLC-control input rated value	24 V			
operating range factor of the voltage at PLC-control input	0.8 1.1			
design of the surge suppressor	with varistor			
apparent pick-up power of magnet coil at AC				
• at 50 Hz	530 VA			
• at 60 Hz	530 VA			
inductive power factor with closing power of the coil				
• at 50 Hz	0.8			
• at 60 Hz	0.8			
apparent holding power of magnet coil at AC				
• at 50 Hz	8.5 VA			
● at 60 Hz	8.5 VA			
inductive power factor with the holding power of the coil				
• at 50 Hz	0.4			
● at 60 Hz	0.4			
closing power of magnet coil at DC	580 W			
holding power of magnet coil at DC	3.4 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	2			

contact 2 contact 2 contact 0 A operational current at AC-12 maximum 10 A operational current at AC-15 6 A • at 400 V rated value 6 A • at 400 V rated value 1A operational current at AC-12 1A • at 400 V rated value 1A operational current at AC-12 1A • at 40 V rated value 6 A • at 40 V rated value 6 A • at 40 V rated value 6 A • at 24 V rated value 6 A • at 25 V rated value 1A • at 20 V rated value 3 A • at 20 V rated value 1A • at 20 V rated value 2A • at 210 V rated value 2A • at 210 V rated value 03 A • at 210 V rated value 03 A • at 200 V rated value 030 A •	number of NO contacts for auxiliary contacts instantaneous			
contact operational current at AC-12 maximum opperational current at AC-15 6A • at 230 V rated value 6A • at 400 V rated value 2A • at 600 V rated value 1A opperational current at DC-12		0		
operational current at AC-15 6 • at 230 V rated value 6 A • at 400 V rated value 3 A • at 500 V rated value 2 A • at 600 V rated value 1 A operational current at DC-12 • • at 42 V rated value 10 A • at 42 V rated value 6 A • at 42 V rated value 6 A • at 410 V rated value 3 A • at 100 V rated value 3 A • at 110 V rated value 3 A • at 220 V rated value 2 A • at 220 V rated value 0.15 A operational current at DC-13 10 A • at 24 V rated value 2 A • at 20 V rated value 2 A • at 20 V rated value 2 A • at 40 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 0.3 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 32 A full-dad current (FLA) for 3-phase AC motor		2		
• at 230 V rated value 6 A • at 300 V rated value 3 A • at 500 V rated value 2 A • at 500 V rated value 1 A opperational current at DC-12 1 A • at 300 V rated value 6 A • at 40 V rated value 6 A • at 40 V rated value 6 A • at 40 V rated value 6 A • at 60 V rated value 6 A • at 10 V rated value 2 A • at 220 V rated value 2 A • at 220 V rated value 0 A • at 220 V rated value 10 A • at 24 V rated value 10 A • at 60 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 0 A • at 125 V rated value 0 A • at 20 V rated value 0 A • at 20 V rated value 0 A • at 60 V rated value 20 A • at 60 V rated value 20 A • at 60 V rated value 20 A • at 60 V rated value	operational current at AC-12 maximum	10 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 48 V rated value 6 A • at 48 V rated value 6 A • at 100 V rated value 3 A • at 100 V rated value 6 A • at 100 V rated value 3 A • at 100 V rated value 3 A • at 125 V rated value 3 A • at 200 V rated value 0.15 A operational current at DC-13 • • at 60 V rated value 10 A • at 80 V rated value 0.15 A operational current at DC-13 • • at 60 V rated value 10 A • at 80 V rated value 0.9 A • at 60 V rated value 0.9 A • at 60 V rated value 0.3 A • at 220 V rated value 0.3 A • at 230 V rated value 0.3 A • at 600 V rated value 289 A vieldod current (FLA) for 3-phase AC motor • • at 600 V rated value 302 A • at 600 V rated value 302 A • at 600 V rated value 300 A • at 600 V rated value 250 bp • at 600 V rated value 200 bp • a	operational current at AC-15			
• at 500 V rated value 2 A • at 690 V rated value 1 A operational 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 610 V rated value 3 A • at 100 V rated value 3 A • at 125 V rated value 1 A • at 200 V rated value 0.15 A operational current at DC-13 • • at 24 V rated value 10 A • at 24 V rated value 10 A • at 48 V rated value 2 A • at 24 V rated value 0.15 A operational 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 0.3 A • at 25 V rated value 0.3 A • at 600 V rated value 0.1 A contact reliability of auxillary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings 29 A yielded mechanical performance [hp] • • at 600 V rated value <	• at 230 V rated value	6 A		
• at 690 V rated value1 Aoperational current at DC-12U• at 24 V rated value0 A• at 42 V rated value6 A• at 60 V rated value6 A• at 10 V rated value3 A• at 125 V rated value1 A• at 200 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-1310 A• at 42 V rated value2 A• at 42 V rated value0.9 A• at 42 V rated value0.9 A• at 10 V rated value0.9 A• at 220 V rated value0.3 A• at 220 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UCSN ratingsfull-load current (FLA) for 3-phase AC motor• at 480 V rated value289 A• at 480 V rated value289 A• at 480 V rated value289 A• at 480 V rated value250 hp- at 200/208 V rated value250 hp- at 460/480 V rated value300 hp• at 4575/800 V rated value300 hp• at 4575/800 V rated value <td>• at 400 V rated value</td> <td colspan="3">3 A</td>	• at 400 V rated value	3 A		
operational current at DC-12 10 A • 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 1 A • at 24 V rated value 1 A • at 20 V rated value 0.15 A operational current at DC-13 Image: Comparison of the dvalue • at 24 V rated value 0.15 A operational current at DC-13 Image: Comparison of the dvalue • at 48 V rated value 2 A • at 44 V rated value 2 A • at 40 V rated value 2 A • at 40 V rated value 2 A • at 20 V rated value 2 A • at 20 V rated value 0.3 A • at 20 V rated value 0.3 A • at 20 V rated value 0.3 A • at 600 V rated value 0.2 A • at 600 V rated value 289 A yielded mechanical performance [hp] • for 3-phase AC motor • at 200 V rated value 200 hp • at 200 V rated value 200 hp • at 200208 V rated value 300 hp	• at 500 V rated value	2 A		
• at 24 V rated value 10 A • at 48 V rated value 6 A • at 60 V rated value 6 A • at 160 V rated value 3 A • at 125 V rated value 2 A • at 220 V rated value 1 A • at 60 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 • at 60 V rated value 2 A • at 60 V rated value 2 A • at 10 V rated value 0.9 A • at 220 V rated value 0.3 A • at 600 V rated value 0.3 A • at 600 V rated value 0.2 A • at 600 V rated value 2 a • at 600 V rated value 2 a • at 600 V rated value 0.2 A • at 600 V rated value 2 a • at 400 V rated value 2 b • at 400 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 0.15 A operational current at DC-13	operational 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 operational current at DC-13 0 A • at 24 V rated value 0.15 A operational current at DC-13 0 A • at 24 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 10 V rated value 0.3 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 1 full-load current (FLA) for 3-phase AC motor • at 600 V rated value • at 600 V rated value 202 A • at 600 V rated value 200 A • at 600 V rated value 200 hp - at 200/208 V rated value 100 hp	at 24 V rated value	10 A		
 e at 110 V rated value 3 A e at 125 V rated value 1 A e at 20 V rated value 1 A e at 600 V rated value 0.15 A operational current at DC-13 e at 24 V rated value 10 A e at 24 V rated value 2 A e at 60 V rated value 2 A e at 110 V rated value 2 A e at 60 V rated value 0.9 A e at 220 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) U/CSA ratings Full-load current (FLA) for 3-phase AC motor e at 600 V rated value 302 A 2 at 600 V rated value 2 ad A 2 at 600 V rated value 2 ad A 2 at 600 V rated value 2 ad A 2 at 600 V rated value 2 ad A 2 at 600 V rated value 2 ad A 2 at 600 V rated value 2 ad A 2 at 600 V rated value 2 ad A 2 at 600 V rated value 2 ad A 2 at 600 V rated value 2 b fp at 480 V rated value 2 b fp at 480 V rated value 3 ad 0 hp at 600 V rated value 2 b fp at 480 V rated value 3 ad 0 hp at 600 V rated value 3 ad 0 hp at 600 V rated value 3 ad 600 V F600 Short-circuit protection of the main circuit with hype of coordination 1 required 3 circuic 40 (690 V, 100 kA) 3 circuic 40 (690 V, 50 kA), BS88: 400 A (415	at 48 V rated value	6 A		
 e at 125 V rated value 2 A e at 220 V rated value 1 A e at 600 V rated value 0.15 A operational current at DC-13 e 124 V rated value 10 A e at 48 V rated value 2 A e at 600 V rated value 2 A e at 110 V rated value 2 A e at 125 V rated value 0.9 A e at 220 V rated value 0.9 A e at 220 V rated value 0.1 A contact reliability of auxiliary contacts 1 auity switching per 100 million (17 V, 1 mA) U/CSA ratings full-load current (FLA) for 3-phase AC motor e at 480 V rated value 302 A e at 600 V rated value 289 A yielded mechanical performance [hp] for 3-phase AC motor at 250/ rated value at 250 V rated value 302 A e at 200/208 V rated value 200 A e at 200/208 V rated value 200 hp at 250 V rated value 250 hp at 460/400 V rated value 250 hp at 460/400 V rated value 260 hp at 575/600 V rated value 250 hp at 575/600 V rated value 260 hp at 575/600 V rated value 260 hp at 575/600 V rated value 260 hp at 575/600 V rated value 300 hp contact rating of auxiliary contacts according to UL A600 / P600 Sho	at 60 V rated value	6 A		
• at 220 V rated value 1 A • at 600 V rated value 0.15 A operational current at DC-13 10 A • at 24 V rated value 10 A • at 48 V rated value 2 A • at 60 V rated value 2 A • at 10 V rated value 0.9 A • at 22 V rated value 0.3 A • at 600 V rated value 0.1 A • at 600 V rated value 0.1 A • at 600 V rated value 0.3 A • at 600 V rated value 0.1 A contact reliability of auxillary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 289 A full-load current (FLA) for 3-phase AC motor 302 A • at 600 V rated value 289 A yielded mechanical performance [hp] 100 hp - at 200/208 V rated value 125 hp - at 400/480 V rated value 300 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection G: 500 A (690 V, 100 kA)	at 110 V rated value	3 A		
• at 600 V rated value 0.15 A operational current at DC-13 10 A • at 24 V rated value 10 A • at 48 V rated value 2 A • at 60 V rated value 2 A • at 10 V rated value 0.9 A • at 125 V rated value 0.3 A • at 600 V rated value 0.14 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 full-load current (FLA) for 3-phase AC motor 1 • at 600 V rated value 302 A • at 600 V rated value 289 A vielded mechanical performance [hp] - • for 3-phase AC motor - - at 200/208 V rated value 280 A vielded mechanical viel value 302 A • at 600 V rated value 280 A vielded mechanical performance [hp] - • for 3-phase AC motor - - at 200/208 V rated value 250 hp - at 400/480 V rated value 300 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection - design of the	at 125 V rated value	2 A		
operational current at DC-13 10 A • 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 0.3 A • at 200 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 full-load current (FLA) for 3-phase AC motor 302 A • at 600 V rated value 302 A • at 600 V rated value 289 A yielded mechanical performance [hp] 100 hp - at 200/208 V rated value 125 hp - at 460/48 U rated value 250 hp - at 460/48 U vated value 300 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection 4600 / P600 Short-circuit protection of the main circuit - with type of coordination 1 required - with type of coordination 1 required gG: 500 A (690 V, 100 kA) - with type of assignment 2 required gG: 400 A (690 V, 100 kA), aW: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 5 <td>at 220 V rated value</td> <td>1 A</td>	at 220 V rated value	1 A		
 at 24 V rated value at 48 V rated value 2 A at 60 V rated value 2 A at 10 V rated value 1 A at 110 V rated value 0.9 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 totad value 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings at 480 V rated value 302 A at 600 V rated value 289 A yielded mechanical performance [hp] at 220/230 V rated value 100 hp at 220/230 V rated value 250 hp at 460/480 V rated value 250 hp at 575/600 V rated value 300 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection of the main circuit with type of coordination 1 required gG: 500 A (690 V, 100 KA), alX: 315 A (690 V, 50 KA), BS88: 400 A (415 V, 50 KA) 	• at 600 V rated value	0.15 A		
et d8 V rated value 2 A et d8 V rated value 2 A et d10 V rated value 1 A et 110 V rated value 0.9 A et 125 V rated value 0.3 A et 200 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 3-phase AC motor et d80 V rated value 302 A et d80 V rated value 289 A yielded mechanical performance [hp] ef or 3-phase AC motor — at 220/230 V rated value 100 hp — at 220/230 V rated value 100 hp — at 220/230 V rated value 125 hp — at 460/480 V rated value 300 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection of the main circuit — with type of coordination 1 required 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)	operational current at DC-13			
• 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 0.3 A • at 600 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 1 full-load current (FLA) for 3-phase AC motor 302 A • at 480 V rated value 302 A • at 600 V rated value 289 A yielded mechanical performance [hp] 100 hp • at 200/208 V rated value 100 hp - at 200/208 V rated value 250 hp - at 460/480 V rated value 300 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 required gC: 500 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 KA)	• at 24 V rated value	10 A		
• at 110 V rated value 1 A • at 125 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) UL/CSA ratings full-load current (FLA) for 3-phase AC motor 302 A • at 600 V rated value 289 A yielded mechanical performance [hp] • for 3-phase AC motor • at 200/208 V rated value 100 hp - at 200/208 V rated value 100 hp - at 200/208 V rated value 250 hp - at 60/480 V rated value 300 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection of the main circuit - with type of coordination 1 required - with type of assignment 2 required gG: 500 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA)	• at 48 V rated value	2 A		
 at 125 V rated value 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) UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 302 A at 600 V rated value 289 A yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 100 hp at 200/208 V rated value 250 hp at 460/480 V rated value 300 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection of the main circuit with type of coordination 1 required gG: 500 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) 	• at 60 V rated value	2 A		
 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) UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 800 V rated value 302 A at 600 V rated value at 200/208 V rated value at 600 A rated value at 600 A rated value at 600 A (690 V, 100 kA) at 575/600 V rated value at 600 / P600 Short-circuit protection of the main circuit with type of coordination 1 required at 500 A (690 V, 100 kA) at 500 A (690 V, 100 kA), att 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) at 600 A (690 V, 100 kA), att 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) at 600 A (690 V, 100 kA), att 315 A (690 V, 50 kA), BS88	• at 110 V rated value	1 A		
• at 600 V rated value0.1 Acontact reliability of auxiliary contacts1 faulty switching per 100 million (17 V, 1 mA)UL/CSA ratingsfull-load current (FLA) for 3-phase AC motor302 A• at 480 V rated value302 A• at 600 V rated value289 Ayielded mechanical performance [hp]100 hp• for 3-phase AC motor100 hp- at 200/208 V rated value100 hp- at 200/208 V rated value300 hp- at 460/480 V rated value250 hp- at 460/480 V rated value300 hpContact rating of auxiliary contacts according to ULA600 / P600Short-circuit protectiongG: 500 A (690 V, 100 kA)- with type of coordination 1 requiredgG: 500 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA)	• 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 3-phase AC motor at 480 V rated value 302 A at 600 V rated value 289 A yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 100 hp at 220/230 V rated value 250 hp at 460/480 V rated value 250 hp at 575/600 V rated value 300 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 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 	• at 220 V rated value	0.3 A		
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 289 A yielded mechanical performance [hp] • for 3-phase AC motor - at 200/208 V rated value 100 hp - at 220/230 V rated value 125 hp - at 460/480 V rated value 250 hp - at 575/600 V rated value 300 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 - with type of assignment 2 required gG: 500 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 5	• at 600 V rated value	0.1 A		
full-load current (FLA) for 3-phase AC motor 302 A • at 480 V rated value 302 A • at 600 V rated value 289 A yielded mechanical performance [hp] • for 3-phase AC motor - at 200/208 V rated value 100 hp - at 220/230 V rated value 100 hp - at 460/480 V rated value 250 hp - at 575/600 V rated value 300 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 - with type of assignment 2 required gG: 500 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50)	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)		
full-load current (FLA) for 3-phase AC motor 302 A • at 480 V rated value 302 A • at 600 V rated value 289 A yielded mechanical performance [hp] • for 3-phase AC motor - at 200/208 V rated value 100 hp - at 220/230 V rated value 100 hp - at 460/480 V rated value 250 hp - at 575/600 V rated value 300 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 - with type of assignment 2 required gG: 500 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50)				
 at 480 V rated value at 600 V rated value 289 A 289 A yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 100 hp at 220/230 V rated value 125 hp at 460/480 V rated value 250 hp at 575/600 V rated value 300 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 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), and the fuse in k 				
yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 220/230 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 at 575/600 V rated value 300 hp contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection design of the fuse link 		302 A		
yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 220/230 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 300 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 gG: 500 A (690 V, 100 kA) muit type of assignment 2 required 	at 600 V rated value			
 for 3-phase AC motor at 200/208 V rated value 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 300 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 gG: 500 A (690 V, 100 kA) mith type of assignment 2 required 	vielded mechanical performance [hp]			
 at 200/208 V rated value at 220/230 V rated value bp at 220/230 V rated value bp at 460/480 V rated value 250 hp at 575/600 V rated value 300 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 gG: 500 A (690 V, 100 kA) at 575 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA), atterned at 500 A (690 V, 100 kA), atterned at 500 A (690 V, 100 kA), atterned at 500 A (415 V, 50 kA), BS88: 400 A (415 V, 50 kA), BS88: 400 A (415 V, 50 kA), atterned at 500 A (690 V, 100 kA), atterned at 500 A (690 V, 100				
 at 220/230 V rated value at 460/480 V rated value at 460/480 V rated value bp at 575/600 V rated value 300 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 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) 		100 hp		
 at 460/480 V rated value at 575/600 V rated value 300 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 gG: 500 A (690 V, 100 kA) add (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) 	— at 220/230 V rated value			
— at 575/600 V rated value 300 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				
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				
Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required gG: 500 A (690 V, 100 kA) — with type of assignment 2 required gG: 400 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA)				
design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required gG: 500 A (690 V, 100 kA) — with type of assignment 2 required gG: 400 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA)				
 for short-circuit protection of the main circuit with type of coordination 1 required with type of assignment 2 required GG: 400 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA), amin and amin amin amin and amin and				
— with type of coordination 1 required gG: 500 A (690 V, 100 kA) — with type of assignment 2 required gG: 400 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA), amiliar and amili	•			
		gG: 500 A (690 V, 100 kA)		
• for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA)		gG: 10 A (500 V, 1 kA)		
Installation/ mounting/ dimensions	stallation/ mounting/ dimensions			
mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back	nounting position	with vertical mounting surface \pm /-90° rotatable, with vertical mounting surface		
	fastoning mothod			
fastening method screw fixing • side-by-side mounting Yes	-	-		
• •				
width 145 mm				
depth 202 mm		202 11111		
required spacing				
with side-by-side mounting forwards		20 mm		
— forwards 20 mm				
— upwards 10 mm				
- at the side 0 mm	— downwards	0 mm		
for grounded parts	— at the side			
— forwards 20 mm	— at the side for grounded parts			
— upwards 10 mm	 — at the side for grounded parts — forwards 			

— 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 circuit 	screw-type terminals		
 at contactor for auxiliary contacts 	Screw-type terminals		
of magnet coil	Screw-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	$0.5 - 4 \text{ mm}^2$		
 solid or stranded finally stranded with core and processing 	0.5 4 mm ²		
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 mm ²), 2x (0.75 2.5 mm ²), max. 2x (0.75 4 mm ²)		
— solid or stranded	2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²), max. 2x (0,75 4 mm ²)		
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
 for AWG cables 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	10 IT		
Callety Telated data			
product function			
product function	Vee		
mirror contact according to IEC 60947-4-1	Yes		
 mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 	No		
 mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 	No Туре В		
mirror contact according to IEC 60947-4-1 opositively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920	No Type B 1 000 000		
mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508	No Type B 1 000 000 2		
mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061	No Type B 1 000 000 2 2		
mirror contact according to IEC 60947-4-1 opositively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1	No Type B 1 000 000 2 2 C		
mirror contact according to IEC 60947-4-1 opositively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1	No Type B 1 000 000 2 2 6 2		
mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1	No Type B 1 000 000 2 2 2 0		
mirror contact according to IEC 60947-4-1 opositively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1	No Type B 1 000 000 2 2 2 0 2 0 93 %		
mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to SN 31920	No Type B 1 000 000 2 2 2 0 2 0 93 % 100 FIT		
mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF)	No Type B 1 000 000 2 2 2 0 2 0 93 %		
mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to SN 31920	No Type B 1 000 000 2 2 2 0 2 0 93 % 100 FIT		
mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to EN 62061	No Type B 1 000 000 2 2 2 2 2 0 93 % 100 FIT 4.5E-7 1/h		
mirror contact according to IEC 60947-4-1 opositively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to EN 62061 PFDavg with low demand rate according to IEC 61508	No Type B 1 000 000 2 2 2 2 0 93 % 100 FIT 4.5E-7 1/h 0.007		
mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to EN 62061 PFDavg with low demand rate according to IEC 61508 MTBF	No Type B 1 000 000 2 2 2 3 4 5 5 7 5 a		
mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to SN 31920 PFHD with high demand rate according to IEC 61508 MTBF hardware fault tolerance according to IEC 61508 T1 value for proof test interval or service life according to IEC	No Type B 1 000 000 2 2 2 0 93 % 100 FIT 4.5E-7 1/h 0.007 75 a 0		
mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to EN 62061 PFDavg with low demand rate according to IEC 61508 MTBF hardware fault tolerance according to IEC 61508 T1 value for proof test interval or service life according to IEC 61508	No Type B 1 000 000 2 2 2 0 93 % 100 FIT 4.5E-7 1/h 0.007 75 a 0 20 a		
 mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN 180 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to EN 62061 PFDavg with low demand rate according to IEC 61508 MTBF hardware fault tolerance according to IEC 61508 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 	No Type B 1 000 000 2 2 2 0 93 % 100 FIT 4.5E-7 1/h 0.007 75 a 0 20 a		
 mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN 180 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to EN 62061 PFDavg with low demand rate according to IEC 61508 MTBF hardware fault tolerance according to IEC 61508 T1 value for proof test interval or service life according to IEC 61529 touch protection on the front according to IEC 60529 	No Type B 1 000 000 2 2 2 0 93 % 100 FIT 4.5E-7 1/h 0.007 75 a 0 20 a		
 mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to EN 62061 PFDavg with low demand rate according to IEC 61508 MTBF hardware fault tolerance according to IEC 61508 T1 value for proof test interval or service life according to IEC 61529 touch protection on the front according to IEC 60529 suitability for use safety-related switching on 	No Type B 1 000 000 2 2 2 0 93 % 100 FIT 4.5E-7 1/h 0.007 75 a 0 20 a IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover		
 mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to EN 62061 PFDavg with low demand rate according to IEC 61508 MTBF hardware fault tolerance according to IEC 61508 T1 value for proof test interval or service life according to IEC 61508 T1 value for proof test interval or service life according to IEC 61508 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 safety-related switching on safety-related switching OFF 	No Type B 1 000 000 2 2 2 0 93 % 100 FIT 4.5E-7 1/h 0.007 75 a 0 20 a IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover No		
 mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 safety device type according to IEC 61508-2 B10 value with high demand rate according to SN 31920 Safety Integrity Level (SIL) according to IEC 61508 SIL Claim Limit (subsystem) according to EN 62061 performance level (PL) according to EN ISO 13849-1 category according to EN ISO 13849-1 stop category according to EN 60204-1 Safe failure fraction (SFF) failure rate [FIT] with low demand rate according to EN 62061 PFDavg with low demand rate according to IEC 61508 MTBF hardware fault tolerance according to IEC 61508 T1 value for proof test interval or service life according to IEC 61529 touch protection on the front according to IEC 60529 suitability for use safety-related switching on 	No Type B 1 000 000 2 2 2 0 93 % 100 FIT 4.5E-7 1/h 0.007 75 a 0 20 a IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover No		

SP SM	<u>Confirmation</u>	CCC		<u>KC</u>	EHC
ЕМС	Functional Safety/Safety of Ma- chinery	Declaration of Confor	mity	Test Certificates	
RCM	<u>Type Examination Cer-</u> <u>tificate</u>	CE EG-Konf.	UK CA	<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report
other			Railway		
<u>Confirmation</u>	<u>Miscellaneous</u>	<u>Miscellaneous</u>	Special Test Certific- ate		
Further information					

Further information 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=3RT1066-6SF36-3PA0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1066-6SF36-3PA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1066-6SF36-3PA0

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

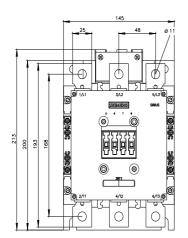
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1066-6SF36-3PA0&lang=en

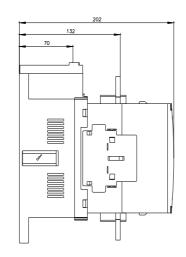
Characteristic: Tripping characteristics, I²t, Let-through current

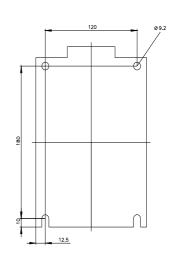
https://support.industry.siemens.com/cs/ww/en/ps/3RT1066-6SF36-3PA0/char

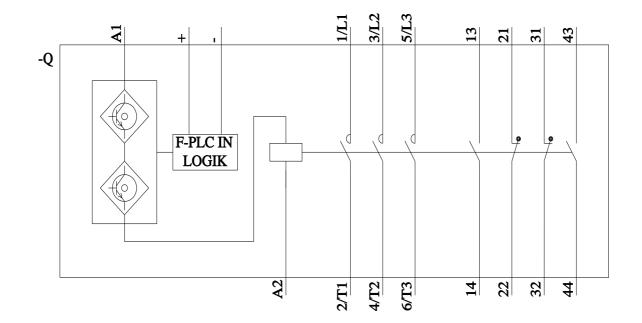
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1066-6SF36-3PA0&objecttype=14&gridview=view1









5/8/2023 🖸