SIEMENS

Data sheet

3RT1076-6AB36



power contactor, AC-3 500 A, 250 kW / 400 V AC (50-60 Hz) / DC 23-26 V AC/DC auxiliary contacts 2 NO + 2 NC 3-pole, frame size S12 busbar connections drive: conventional screw terminal

product designation Power contactor product type designation 3RT1 size of contactor S12 product extension No • function module for communication No • auxiliary switch Yes power loss [W] for rated value of the current 165 W • at AC in hot operating state per pole 55 W • of main circuit with degree of pollution 3 rated value 100 V • of main circuit with degree of pollution 3 rated value 500 V • of main circuit rated value 8 kV • of main circuit with degree of pollution 3 rated value 6 kV • of main circuit rated value 8 kV • of auxiliary circuit rated value 8 kV • of main circuit with degree of pollution 3 rated value 6 kV • of auxiliary circuit rated value 8 kV • of auxiliary circuit rated value 8 kV • of auxiliary circuit rated value 8 kV • at AC 8,5g / 5 ms, 4,2g / 10 ms * at AC 13,4g / 5 ms, 6,5g / 10 ms • at AC 13,4g / 5 ms, 6,5g / 10 ms • at AC 10 000 000 <tr< th=""><th>product brand name</th><th>SIRIUS</th></tr<>	product brand name	SIRIUS
General technical data S12 size of contactor S12 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 165 W • at AC in hot operating state per pole 55 W 10 W • of main circuit with degree of pollution 3 rated value 1 000 V 500 V • of main circuit with degree of pollution 3 rated value 1 000 V 500 V • of main circuit with degree of pollution 3 rated value 6 kV 680 V surge voltage resistance • of main circuit rated value 8 kV • of auxiliary circuit rated value 6 kV 680 V maximum permissible voltage for safe isolation between coll and main contacts according to EN 60947-1 680 V • at AC 8,5g / 5 ms, 4,2g / 10 ms • at AC 8,5g / 5 ms, 4,2g / 10 ms • at AC 13,4g / 5 ms, 6,5g / 10 ms • at AC 13,4g / 5 ms, 6,5g / 10 ms • at DC 10,000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 000 000 <td>product designation</td> <td>Power contactor</td>	product designation	Power contactor
size of contactor S12 product extension No • druction module for communication No • auxiliary switch Yes power loss [W] for rated value of the current 165 W • at AC in hot operating state per pole 55 W • without load current share typical 10 W Insulator voltage 1 00 V • of main circuit with degree of pollution 3 rated value 1 000 V • of main circuit with degree of pollution 3 rated value 1 000 V • of main circuit with degree of pollution 3 rated value 6 KV • of main cortated value 6 KV • of auxiliary circuit rated value 6 KV • of auxiliary circuit rated value 6 KV • at AC 8.5g / 5 ms, 4.2g / 10 ms • at AC 13.4g / 5 ms, 6.5g / 10 ms • at DC 13.4g / 5 ms, 6.5g / 10 ms • at DC 13.4g / 5 ms, 6.5g / 10 ms • at DC 10.000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary swit	product type designation	3RT1
product extension No • function module for communication Yes • auxiliary switch Yes power loss [W] for rated value of the current 155 W • at AC in hot operating state per pole 55 W • without load current share typical 10 W Insulation voltage 100 V • of main circuit with degree of pollution 3 rated value 1000 V • of auxiliary circuit with degree of pollution 3 rated value 500 V • of auxiliary circuit rated value 8 kV • of auxiliary circuit rated value 6 kV of main circuit rated value 8 kV • of auxiliary circuit rated value 6 kV e at AC 8.5g / 5 ms, 4.2g / 10 ms shock resistance at rectangular impulse 8.5g / 5 ms, 4.2g / 10 ms • at AC 8.5g / 5 ms, 4.2g / 10 ms • at AC 13.4g / 5 ms, 6.5g / 10 ms • at AC 13.4g / 5 ms, 6.5g / 10 ms • at AC 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000	General technical data	
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• auxiliary switch Yes power loss [W] for rated value of the current 165 W • at AC in hot operating state prople 55 W • at AC in hot operating state prople 55 W • without load current share typical 10 W insuliation voltage 1000 V • of main circuit with degree of pollution 3 rated value 500 V • of main circuit rated value 8 kV • of auxiliary circuit rated value 6 kV • at AC 8,5g / 5 ms, 4,2g / 10 ms • at AC 13,4g / 5 ms, 6,5g / 10 ms • at AC 13,4g / 5 ms, 6,5g / 10 ms • at AC 10 000 000 • at DC 10 000 000 • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 </td <td>product extension</td> <td></td>	product extension	
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• at AC in hot operating state per pole 165 W • without load current share typical 10 W insulation voltage 10 W • of main circuit with degree of pollution 3 rated value 1000 V • of main circuit with degree of pollution 3 rated value 1000 V • of main circuit with degree of pollution 3 rated value 500 V • of main circuit rated value 6 kV • of auxiliary circuit rated value 6 kV • of auxiliary circuit rated value 6 kV • of auxiliary circuit rated value 8 kV • at AC 8.5g / 5 ms, 4.2g / 10 ms • at AC 13.4g / 5 ms, 6,5g / 10 ms • at AC 13.4g / 5 ms, 6,5g / 10 ms • at AC 13.4g / 5 ms, 6,5g / 10 ms • at AC 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contact	auxiliary switch	Yes
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• without load current share typical 10 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 500 V • 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 according to EN 60947-1 600 V shock resistance at rectangular impulse 8,5g / 5 ms, 4,2g / 10 ms • at AC 8,5g / 5 ms, 4,2g / 10 ms • at AC 13,4g / 5 ms, 6,5g / 10 ms • at AC 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with addee auxiliary switch blo	 at AC in hot operating state 	165 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 • of auxiliary circuit with degree of pollution 3 rated value 500 V • of main circuit rated value 8 kV • of auxiliary circuit rated value 8 kV • of auxiliary circuit rated value 6 kV maximum permissible voltage for safe isolation between coll and main contacts according to EN 60947-1 690 V shock resistance at rectangular impulse 8,5g / 5 ms, 4,2g / 10 ms • at AC 8,5g / 5 ms, 4,2g / 10 ms • at AC 13,4g / 5 ms, 6,5g / 10 ms • at DC 10 000 000 • of contactor typical 10 000 000 • of the contactor with added electronically optimized auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 10 000 000 • of the contactor with added auxiliary switch block typical 0 000 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 05/01/2012 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature	 at AC in hot operating state per pole 	55 W
 of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value 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 according to EN 60947-1 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 at DC at AC at DC bock resistance with sine pulse at AC at DC 13,4g / 5 ms, 6,5g / 10 ms at DC 10 000 000 of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch block typical of the contactor with added auxiliary switch bl	 without load current share typical 	10 W
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shock resistance with sine pulse 13,4g / 5 ms, 6,5g / 10 ms • 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) 10 000 000 • 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 • of the contactor with added auxiliary switch block typical 10 000 000 feference code according to IEC 81346-2 Q Substance Prohibitance (Date) 05/01/2012 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C	• at AC	8,5g / 5 ms, 4,2g / 10 ms
• at AC13,4g / 5 ms, 6,5g / 10 ms• at DC13,4g / 5 ms, 6,5g / 10 msmechanical service life (switching cycles)10 000 000• of contactor typical10 000 000• of the contactor with added electronically optimized auxiliary switch block typical5 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical10 000 000• of the contactor with added auxiliary switch block typical000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor with added auxiliary switch block typical0000 000• of the contactor (Date)05/01/2012Ambient conditions2 000 minstallation altitude at height above sea level maximum2 000 m• during operation-25 +60 °C	• at DC	8,5g / 5 ms, 4,2g / 10 ms
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Substance Prohibitance (Date) 05/01/2012 Ambient conditions installation altitude at height above sea level maximum ambient temperature 2 000 m • during operation -25 +60 °C		10 000 000
Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature -25 +60 °C	reference code according to IEC 81346-2	Q
installation altitude at height above sea level maximum 2 000 m ambient temperature during operation -25 +60 °C 	Substance Prohibitance (Date)	05/01/2012
ambient temperature • during operation -25 +60 °C	Ambient conditions	
• during operation -25 +60 °C	installation altitude at height above sea level maximum	2 000 m
	ambient temperature	
• during storage -55 +80 °C	 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 %
lain 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 at AC-1 	610 A
up to 690 V at ambient temperature 40 °C rated value	610 A
— up to 690 V at ambient temperature 60 °C rated value	550 A
— up to 1000 V at ambient temperature 40 °C rated value	200 A
— up to 1000 V at ambient temperature 60 °C rated value	200 A
• at AC-3	
— at 400 V rated value	500 A
— at 500 V rated value	500 A
— at 690 V rated value	450 A
— at 1000 V rated value	180 A
● at AC-3e	
— at 400 V rated value	500 A
— at 500 V rated value	500 A
— at 690 V rated value	450 A
— at 1000 V rated value	180 A
 at AC-4 at 400 V rated value 	430 A
 at AC-5a up to 690 V rated value 	536 A
 at AC-5b up to 400 V rated value 	415 A
● at AC-6a	
 — up to 230 V for current peak value n=20 rated value 	414 A
— up to 400 V for current peak value n=20 rated value	414 A
— up to 500 V for current peak value n=20 rated value	414 A 414 A
 — up to 690 V for current peak value n=20 rated value 	
 up to 1000 V for current peak value n=20 rated value at AC-6a 	180 A
 at AC-ba — up to 230 V for current peak value n=30 rated value 	276 A
— up to 400 V for current peak value n=30 rated value	276 A
— up to 500 V for current peak value n=30 rated value	276 A
— up to 690 V for current peak value n=30 rated value up to 1000 V for current peak value n=30 rated	276 A
— up to 1000 V for current peak value n=30 rated value minimum cross-section in main circuit at maximum AC-1	180 A 370 mm ²
operational current for approx. 200000 operating	
cycles at AC-4	
• at 400 V rated value	175 A
• at 690 V rated value	150 A
operational current	

— at 24 V rated value	400 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	400 A
— at 110 V rated value	400 A
— at 220 V rated value	400 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	400 A
— at 110 V rated value	400 A
— at 220 V rated value	400 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	0.27
- at 24 V rated value	400 A
— at 110 V rated value	3 A
— at 220 V rated value	0.6 A
— at 220 V rated value — at 440 V rated value	0.18 A
— at 440 V rated value — at 600 V rated value	0.18 A 0.125 A
 at 600 v rated value with 2 current paths in series at DC-3 at DC-5 	0.120 A
- at 24 V rated value	400 A
	400 A 400 A
— at 110 V rated value — 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	100 A
— at 24 V rated value	400 A
— at 110 V rated value	400 A
— at 220 V rated value	400 A
— at 440 V rated value	1.4 A
— at 600 V rated value	0.75 A
operating power	
• at AC-3	
— at 230 V rated value	160 kW
— at 400 V rated value	250 kW
— at 500 V rated value	315 kW
— at 690 V rated value	400 kW
— at 1000 V rated value	250 kW
• at AC-3e	
— at 230 V rated value	160 kW
— at 400 V rated value	250 kW
— at 500 V rated value	315 kW
— at 690 V rated value	400 kW
— at 1000 V rated value	250 kW
operating power for approx. 200000 operating cycles at AC-4	
at 400 V rated value	98 kW
 at 400 V rated value at 690 V rated value 	98 KW 148 kW
	ויא טדו
operating apparent power at AC-6a	160 000 kVA
 up to 230 V for current peak value n=20 rated value up to 400 V for current peak value n=20 rated value 	
• up to 400 V for current peak value n=20 rated value	280 000 VA
• up to 500 V for current peak value n=20 rated value	350 000 VA
• up to 690 V for current peak value n=20 rated value	490 000 VA
 up to 1000 V for current peak value n=20 rated value 	310 000 VA
operating apparent power at AC-6a	
up to 230 V for current peak value n=30 rated value	110 000 VA

 up to 400 V for current peak value n=30 rated value 	190 000 VA				
 up to 500 V for current peak value n=30 rated value 					
 up to 690 V for current peak value n=30 rated value 	330 000 VA				
 up to 1000 V for current peak value n=30 rated 	310 000 VA				
value					
short-time withstand current in cold operating state					
up to 40 °C					
 limited to 1 s switching at zero current maximum 	7 484 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 5 s switching at zero current maximum 	7 484 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 10 s switching at zero current maximum 	5 978 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 30 s switching at zero current maximum 	3 765 A; Use minimum cross-section acc. to AC-1 rated value				
 limited to 60 s switching at zero current maximum 	2 887 A; Use minimum cross-section acc. to AC-1 rated value				
no-load switching frequency					
• at AC	2 000 1/h				
• at DC	2 000 1/h				
operating frequency					
at AC-1 maximum	500 1/h				
 at AC-2 maximum 	170 1/h				
 at AC-3 maximum 	420 1/h				
• at AC-3e maximum	420 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	23 26 V				
at 50 Hz rated value at 60 Hz rated value	23 26 V 23 26 V				
	23 20 V				
control supply voltage at DC	22 26 1/				
• rated value	23 26 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	830 VA				
• at 60 Hz	830 VA				
inductive power factor with closing power of the coil					
• at 50 Hz	0.9				
• at 60 Hz	0.9				
apparent holding power of magnet coil at AC					
apparent noting power of magnet con at AC a at 50 Hz	9.2 VA				
• at 50 Hz	9.2 VA 9.2 VA				
• at 60 m2 inductive power factor with the holding power of the					
coil					
• at 50 Hz	0.9				
• at 60 Hz	0.9				
closing power of magnet coil at DC	920 W				
holding power of magnet coil at DC	10 W				
closing delay					
• at AC	45 100 ms				
• at DC	45 100 ms				
opening delay					
• at AC	60 100 ms				
• at DC	60 100 ms 10 15 ms				
arcing time					
control version of the switch operating mechanism	Standard A1 - A2				
Auxiliary circuit					

number of NC contacts for auxiliary contacts 2 number of NO contacts for auxiliary contacts 2 operational current at AC-12 maximum 10 A operational current at AC-15 6 • 1230 V rated value 3 A • • 1600 V rated value 2 A • • 1600 V rated value 0 A • • 175 V rated value 0 A • • 180 V rated value 0 A • • • • 180 V rated value 0 A <th></th> <th></th>		
Instantancia: contact operational current at AC-16 e 1230 V rated value e 1400 V rated value e 1600 V rated value e 160 V rated va		2
operational current at AC-15 6 • • at 200 V rated value 3 A • • at 500 V rated value 3 A • • at 500 V rated value 2 A • • at 600 V rated value 1 A operational current at DC-12 6 A • • at 64 V rated value 6 A • • at 64 V rated value 6 A • • at 64 V rated value 6 A • • at 64 V rated value 6 A • • at 60 V rated value 1 A • • at 60 V rated value 1 A • • at 60 V rated value 0 A • • at 60 V rated value 0 A • • at 60 V rated value 0 A • • at 60 V rated value 0 A • • at 60 V rated value 0 A • • at 60 V rated value 0 A • • at 220 V rated value 0 A • • at 220 V rated value 0 A • • at 800 V rated value 0 A • • at 800 V rated value 477 A • • at 800 V rated value 477 A • • at 800 V rated value 400 hp • • at 200200 V rated value 200 hp <td></td> <td>2</td>		2
• e1 230 V rated value 6.A • e1 600 V rated value 2.A • e1 630 V rated value 1.A • operational current at DC-12 6.A • e1 60 V rated value 6.A • e1 60 V rated value 6.A • e1 60 V rated value 6.A • e1 61 V rated value 6.A • e1 62 V rated value 6.A • e1 62 V rated value 7.A • e1 62 V rated value 7.7 A • e1 62 V rated value 4.72 A • e1 60 V rated value 50 h p - e1 200208 V rated value 50 h p - e1 200208 V rated value 500 h p<	operational current at AC-12 maximum	10 A
• # 400 V rated value 3.A • # 600 V rated value 2.A • # 600 V rated value 1.A operational current at DC-12 6.A • # 14 V rated value 6.A • # 10 V rated value 6.A • # 110 V rated value 6.A • # 12 V rated value 6.A • # 12 V rated value 0.A • # 16 0	operational current at AC-15	
• at 600 V rated value 2 Å • at 600 V rated value 1 Å operational current at DC-12 0 Å • at 60 V rated value 6 Å • at 60 V rated value 6 Å • at 10 V rated value 6 Å • at 10 V rated value 2 Å • at 122 V rated value 2 Å • at 122 V rated value 0 Å • at 122 V rated value 0 Å • at 02 V rated value 0 Å • at 02 V rated value 0 Å • at 02 V rated value 0 Å • at 04 V rated value 0 Å • at 050 V rated value 0 Å • at 050 V rated value 0 Å • at 050 V rated value 477 Å • at 600 V rated value 477 Å • at 600 V rated value 477 Å • at 600 V rated value 400 hp • at 20020 V rated value 500 hp • at 20020 V rated value 500 hp • at 40048	 at 230 V rated value 	6 A
• at 680 V rated value 1 Å operational current at DC-12 • • at 24 V rated value 6 Å • at 10 V rated value 3 Å • at 125 V rated value 2 Å • at 220 V rated value 0.15 Å • at 240 V rated value 0.15 Å • at 250 V rated value 0.15 Å • at 200 V rated value 0.15 Å • at 200 V rated value 0.15 Å • at 800 V rated value 0.16 Å • at 800 V rated value 0.16 Å • at 800 V rated value 0.16 Å • at 800 V rated value 0.3 Å • at 800 V rated value 0.14 Å contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULICSA rating SU 77 Å • at 800 V rated value 477 Å • at 800 V rated value 477 Å • at 800 V rated value 470 Å • at 800 V rated value 400 Å • at 800 V	 at 400 V rated value 	3 A
operational current at DC-12 10 A • at 24 Vitated value 10 A • at 34 Vitated value 6 A • at 80 Vitated value 6 A • at 10 Vitated value 6 A • at 25 Vitated value 7 A • at 26 Vitated value 1 A • at 600 Vitated value 1 A • at 600 Vitated value 1 A • at 600 Vitated value 0.15 A operational current at DC-13 0 A • at 20 Vitated value 0.3 A • at 10 Vitated value 0.3 A • at 20 Vitated value 0.3 A • at 20 Vitated value 0.1 A • at 20 Vitated value 0.1 A • at 20 Vitated value 0.1 A • at 600 Vitated value 477 A • at 600 Vitated value 477 A • at 600 Vitated value 477 A • at 200228 Vitated value 150 hp - at 220230 Vitated value 150 hp - at 220230 Vitated value 200 hp - at 4500 Vitated value 400 hp - at 4500480 Vitated value 200 hp	 at 500 V rated value 	2 A
it 24 V rited value it 24 V rited value it 26 V rited value it 30 V rated value 0.9 A it 30 V rated value 0.9 A it 30 V rated value 0.1 A it 30 V rated value it 30 V p it add avalue it 40 V rated value it 30 V p it add avalue it 30 V p it add avalue it 30 V rated value it 30 V rated value it 30 V p it 40 V rated value it 50 hp contract rate it avalue value it 50 hp contract rate it avalue value it 50 hp contract rate it avalue it 50 hp	at 690 V rated value	1 A
• at 48 V rated value 6 Å • at 160 V rated value 6 Å • at 172 V rated value 3 Å • at 125 V rated value 1 Å • at 260 V rated value 0.15 Å operational current at DC-13 0.15 Å • at 24 V rated value 0.16 Å • at 24 V rated value 0.16 Å • at 24 V rated value 0.16 Å • at 24 V rated value 2 Å • at 10 V rated value 0.9 Å • at 25 V rated value 0.3 Å • at 260 V rated value 0.3 Å • at 200 V rated value 0.1 Å • at 200 V rated value 0.1 Å • at 200 V rated value 0.1 Å • at 200 V rated value 0.3 Å • at 200 V rated value 0.1 Å • at 600 V rated value 477 Å • at 600 V rated value 477 Å • at 600 V rated value 470 Å • at 600 V rated value 400 hp - at 200/208 V rated value 50 hp - at 200/208 V rated value 500 hp - at 460480 V rated value 600 hp • or short-circuit protection of the main circuit 600 kp - at 575860 V rated value 600 hp • for short-circuit protection of the auxiliary switch required 500 Å (690 V, 100 kÅ),	operational current at DC-12	
• at 60 V rated value 6 Å • at 120 V rated value 3 Å • at 220 V rated value 1 Å • at 220 V rated value 0.15 Å operational current at DC-13 0.16 Å • at 80 V rated value 10 Å • at 81 V rated value 2 Å • at 81 V rated value 2 Å • at 81 V rated value 2 Å • at 81 V rated value 0.9 Å • at 220 V rated value 0.1 Å • at 220 V rated value 0.1 Å • at 220 V rated value 0.1 Å • at 200 V rated value 0.1 Å • at 80 V rated value 0.1 Å • at 800 V rated value 477 Å • at 800 V rated value 477 Å • at 800 V rated value 477 Å • at 480 V rated value 470 Å • at 480 V rated value 470 Å • at 480 V rated value 400 ħ • at 480 V rated value 500 ħ <tr< td=""><td> at 24 V rated value </td><td>10 A</td></tr<>	 at 24 V rated value 	10 A
	 at 48 V rated value 	6 A
• at 125 V rated value 2 Å • at 220 V rated value 0.15 Å opprational current at DC-13 0 • at 24 V rated value 10 Å • at 48 V rated value 2 Å • at 125 V rated value 0.8 Å • at 125 V rated value 0.3 Å • at 220 V rated value 0.1 Å contact reliability of rated value 0.1 Å contact reliability of rated value 0.1 Å contact reliability of rated value 477 Å • at 400 V rated value 477 Å • at 600 V rated value 477 Å • at 600 V rated value 470 Å • at 600 V rated value 477 Å • at 600 V rated value 470 Å • at 600 V rated value 470 Å • at 600 V rated value 200 hp - at 420/208 V rated value 200 hp - at 450/480 V rated value 500 hp - at 457500 V rated value 500 hp • at 57500 V rated value 500 hp • at 57500 V rated value 500 hp • at 57500 V rated value 500 hp • or short-circuit protection of the main circuit 90 (500 Å (600 V, 100 Å), 600	 at 60 V rated value 	6 A
• at 220 V rated value 1 A • at 400 V rated value 0.15 A • at 24 V rated value 10 A • at 24 V rated value 10 A • at 48 V rated value 2 A • at 10 V rated value 2 A • at 10 V rated value 2 A • at 10 V rated value 0.3 A • at 20 V rated value 0.3 A • at 200 V rated value 0.1 A • contact reliability of auxillary contacts 1 fauly switching per 100 million (17 V, 1 mA) UL/CSA ratings 477 A • at 600 V rated value 470 A • at 600 V rated value 470 A • at 600 V rated value 200 hp • at 600 V rated value 500 hp • for short-circuit protection of the main circuit 66: 600 A (690 V, 100 kA), gS 60 A (690 V, 50 kA), ES 88: 500 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch gG: 600 A (690 V, 100 kA), gG: 500 A (690 V, 10 kA), gG: 500 A (69	 at 110 V rated value 	3 A
• at 600 V rated value 0.15 Å operational current at DC-13 10 Å • at 43 V rated value 10 Å • at 43 V rated value 2 Å • at 60 V rated value 2 Å • at 125 V rated value 0.9 Å • at 200 V rated value 0.3 Å • at 200 V rated value 0.1 Å • at 200 V rated value 0.1 Å • at 200 V rated value 0.1 Å • at 800 V rated value 477 Å • at 800 V rated value 472 Å • at 800 V rated value 472 Å • at 800 V rated value 150 hp - at 200208 V rated value 200 hp - at 200208 V rated value 200 hp - at 80040 v rated value 500 hp • for short-circuit protection of the main circuit 500 hp - at 575600 V rated value 500 hp • for short-circuit protection of the auxiliary switch gG: 600 A (690 V, 100 kÅ), aM: 500 A (690 V, 50 kÅ), BSB8: 500 A (415 V, 50 kÅ) • for short-circuit protection of the auxiliary switch gG: 10 A (600 V, 100 kÅ), aM: 500 A (690 V, 50 kÅ), BSB8: 500 A (415 V, 50 kÅ) • with type of assignment 2 required yes hall • with t	 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 10 V rated value 2 A • at 10 V rated value 0.9 A • at 220 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 4460 V rated value vielded mechanical performance [hp] 477 A • at 800 V rated value 400 hp - at 200/208 V rated value 200 hp - at 200/208 V rated value 500 hp - at 460480 V rated value 500 hp - at 460480 V rated value 500 hp - ortactrating of auxiliary contacts according to UL Sito A (690 V, 100 kA), at: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) • for short-circuit protect	 at 220 V rated value 	1 A
• at 24 V rated value 10 A • at 48 V rated value 2 A • at 60 V rated value 2 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 fault switching per 100 million (17 V, 1 mA) ///CSA ratings 77 A full-load current (FLA) for 3-phase AC motor 477 A • at 420 V rated value 477 A • at 420 V rated value 472 A yielded mechanical performance [hp] • for 3-phase AC motor • for 3-phase AC motor - at 220/230 V rated value - at 220/230 V rated value 150 hp - at 220/230 V rated value 200 hp - at 55/600 V rated value 500 hp contact rating of auxiliary contacts according to UL A600 / Q600 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), aM: 500 A (690 V, 50 kA), BS8: 500 A (415 V, 50 kA) - with type of coordination 1 required gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS8: 500 A (415 V, 50 kA) - with type of coordination 1 required yo	 at 600 V rated value 	0.15 A
• at 48 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 1 A • at 125 V rated value 0.9 A • at 220 V rated value 0.1 A • at 800 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings 477 A • at 800 V rated value 477 A • at 800 V rated value 472 A • of 60 V rated value 472 A • of 80 V rated value 472 A • of 80 V rated value 472 A • of 80 V rated value 470 A • of 80 V rated value 200 hp - at 220/230 V rated value 200 hp - at 220/230 V rated value 200 hp - at 450480 V rated value 400 hp - at 220/230 V rated value 500 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit - with type of coordination 1 required - with type of coordination 1 required 96: 500 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required 96: 500 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required 96: 10 A (500 V, 10 kA), st 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) <tr< td=""><td>operational current at DC-13</td><td></td></tr<>	operational current at DC-13	
• at 60 V rated value 2 A • at 110 V rated value 1 A • at 220 V rated value 0.9 A • at 220 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-oad current (FLA) for 3-phase AC motor 477 A • at 480 V rated value 477 A • at 480 V rated value 472 A yielded mechanical performance [hp] 600 hp • for 3-phase AC motor 150 hp - at 200/208 V rated value 200 hp - at 400/400 V rated value 200 hp - at 4575/000 V rated value 500 hp - at 575/000 V rated value 500 hp - at 575/000 V rated value 500 hp - at 60/480 W rated value 500 hp - with type of coordination 1 required 500 A (690 V, 100 KA) - with type of coordination 1 required gG: 500 A (690 V, 100 KA) - with type of assignment 2 required GG: 600 V, 100 KA) - with type of assignment 2 required Sci 0 A (690 V, 100 KA), abit 500 A (690 V, 50 KA), BS88: 500 A (415 V, 50 KA) - for short-circuit protection of the auxiliary switch ci 0 A (500 V, 1 KA)	• at 24 V rated value	10 A
• at 110 V rated value 1 A • at 125 V rated value 0.9 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	• at 48 V rated value	2 A
• at 125 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 1 full-load current (FLA) for 3-phase AC motor 477 A • at 400 V rated value 477 A • at 400 V rated value 477 A • at 600 V rated value 472 A yleided mechanical performance [hp] - • for 3-phase AC motor - - at 200/200 V rated value 200 hp - at 200/200 V rated value 400 hp - at 40/400 V rated value 400 hp - at 457/600 V rated value 500 hp Contact rating of auxiliary contacts according to UL A00 / 0600 Stort-circuit protection GG: 500 A (690 V, 100 kA) - with type of consignment 2 required gG: 500 A (690 V, 100 kA) - with type of assignment 2 required gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) e for short-circuit protection of the auxiliary switch required screw fixing • for short-circuit protection of the auxiliary switch required gG: 500 A (690 V, 10 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) e side-by-side mounting Yes Installation/ mounting/ dimensions Screw fixing with vertical mounting surface +/-	• at 60 V rated value	2 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) UU/CSA ratings 477 A full-load current (FLA) for 3-phase AC motor 477 A • at 480 V rated value 477 A • at 600 V rated value 472 A yleided mechanical performance [hp] - • for 3-phase AC motor - - at 200/208 V rated value 200 hp - at 200/208 V rated value 400 hp - at 200/208 V rated value 500 hp contact rating of auxiliary contacts according to UL A600 / 0600 Short-clicuit protection of the main circuit - - with type of coordination 1 required gG: 630 A (690 V, 100 kA) - with type of coordination 1 required gG: 600 A (690 V, 100 kA), BS88: 500 A (415 V, 50 kA), BS88: 500 A (415 V,	• at 110 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 477 A • at 480 V rated value 477 A • at 600 V rated value 477 A • at 600 V rated value 472 A yleided mechanical performance [hp]	 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 4 • at 4800 V rated value 477 A • at 600 V rated value 472 A yielded mechanical performance [hp] 6 • for 3-phase AC motor 150 hp - at 220/208 V rated value 200 hp - at 220/230 V rated value 500 hp - at 200/208 V rated value 500 hp - at 460/480 V rated value 500 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit 9G: 500 A (690 V, 100 kA) • for short-circuit protection of the main circuit gG: 500 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 500 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 100 kA) • for short-circuit protection of the auxiliary switch required gC: 10 A (500 V, 1 kA)	 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 477 A • at 600 V rated value 472 A yielded mechanical performance [hp] • for 3-phase AC motor - at 220/230 V rated value 150 hp - at 220/230 V rated value 200 hp - at 460/480 V rated value 500 hp - at 575/600 V rated value 500 hp contact rating of auxiliary contacts according to UL 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 coordination 1 required gG: 630 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) resting method surface +/- 22.5" littable to the front and back screw fixing Yes height 214 mm width 160 mm deth 225 mm required spacing • with side-by-side mounting • hight 214 mm • width 160 mm - upwards 20 mm	at 600 V rated value	0.1 A
full-load current (FLA) for 3-phase AC motor 477 A • at 480 V rated value 477 A • at 600 V rated value 472 A yielded mechanical performance [hp] 472 A • at 200/208 V rated value 150 hp - at 220/230 V rated value 200 hp - at 460/480 V rated value 400 hp - at 575/600 V rated value 500 hp - at 575/600 V rated value 500 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 400 hp e for short-circuit protection of the main circuit		1 faulty switching per 100 million (17 V, 1 mA)
• at 480 V rated value 477 Å • at 600 V rated value 472 Å • at 600 V rated value 472 Å yielded mechanical performance [hp] 6 or 3-phase ÅC motor - at 200/208 V rated value 150 hp - at 220/230 V rated value 200 hp - at 460/480 V rated value 500 hp - at 4575/600 V rated value 500 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 4600 / Q600 Short-circuit protection of the main circuit - with type of coordination 1 required - with type of coordination 1 required gG: 630 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) • for short-circuit protection of the auxiliary switch required gG: 630 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) • attabel mounting / dimensions screw fixing • idstallation/ mounting / dimensions screw fixing • side-by-side mounting Yes height 220 mm <	UL/CSA ratings	
• at 600 V rated value472 Ayielded mechanical performance [hp]-• for 3-phase AC motor150 hp- at 200/208 V rated value200 hp- at 220/230 V rated value200 hp- at 660/480 V rated value500 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protection of the main circuit with type of coordination 1 requiredgG: 630 A (690 V, 100 kA)• with type of assignment 2 requiredgG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 1 kA)• with type of assignment 2 requiredwith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, wit	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp] • for 3-phase AC motor - at 200/208 V rated value - at 220230 V rated value - at 460/480 V rated value - at 450/480 V rated value - at 575/600 V rated value 600 / 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 v for short-circuit protection of the auxiliary switch required required • for short-circuit protection of the auxiliary switch required gG: 500 A (690 V, 100 kA), all: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 510 A (500 V, 1 kA) mounting position with vertical mounting surface +/-22.5" tiltable to the front and back screw fixing • side-by-side mounting - forwards - upwards 10 mm - upwa	 at 480 V rated value 	477 A
 for 3-phase AC motor at 200/208 V rated value 150 hp at 220/230 V rated value 200 hp at 460/480 V rated value 400 hp at 575/600 V rated value 500 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link 		472 A
- at 200/208 V rated value 150 hp - at 220/230 V rated value 200 hp - at 460/480 V rated value 400 hp - at 575/600 V rated value 500 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 4600 / Q600 design of the fuse link • • for short-circuit protection of the main circuit - - with type of coordination 1 required gG: 630 A (690 V, 100 kA) - with type of assignment 2 required gG: 500 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 10 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 10 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) • for short-circuit protection gG: 500 A (690 V, 100 kA) • iside-by-side mounting Yes height 214 mm with side-by-side mounting 225 mm • with side-by-side mounting 0 mm		
	•	
at 575/600 V rated value 500 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit gG: 630 A (690 V, 100 kA) with type of coordination 1 required gG: 500 A (690 V, 100 kA) with type of assignment 2 required gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 214 mm width 160 mm depth 225 mm required spacing 0 mm • with side-by-side mounting 20 mm growards 10 mm downwards 10 mm at the side 0 mm		
contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit gG: 630 A (690 V, 100 kA) — with type of coordination 1 required gG: 500 A (690 V, 100 kA) — with type of assignment 2 required gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 214 mm width 160 mm depth 225 mm - upwards 10 mm - downwards		
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 • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 214 mm width 160 mm depth 225 mm • with side-by-side mounting 20 mm - upwards 10 mm - downwards 10 mm - at the side 0 mm		
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 for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) Installation/ mounting/ dimensions mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back fastening method side-by-side mounting eiside-by-side mounting Yes height 214 mm width 160 mm depth 225 mm required spacing with side-by-side mounting forwards upwards 0 mm downwards mm <li< td=""><td></td><td>A600 / Q600</td></li<>		A600 / Q600
 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 fastening mounting / dimensions with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing side-by-side mounting side-by-side mounting Yes height 214 mm width depth 225 mm required spacing with side-by-side mounting forwards mwards mm downwards mm downwards mm 		
with type of coordination 1 required gG: 630 A (690 V, 100 kA) with type of assignment 2 required gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions gG: 10 A (500 V, 1 kA) mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 214 mm width 160 mm depth 225 mm required spacing 0 mm - forwards 20 mm - upwards 10 mm - downwards 0 mm	-	
with type of assignment 2 required gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions with vertical mounting surface +/-90° rotatable, with vertical mounting +/- 22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting 214 mm • with side-by-side mounting 20 mm - forwards 20 mm - upwards 10 mm - at the side 0 mm		
• for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 214 mm width 160 mm depth 225 mm required spacing • with side-by-side mounting - forwards 20 mm - upwards 10 mm - downwards 10 mm - a the side 0 mm		
• for short-circuit protection of the auxiliary switch requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensionsmounting positionwith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and backfastening methodscrew fixing• side-by-side mountingYesheight214 mmwidth160 mmdepth225 mmrequired spacing20 mm• with side-by-side mounting20 mm- forwards20 mm- downwards10 mm- a the side0 mm	— with type of assignment 2 required	
mounting positionwith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and backfastening methodscrew fixing• side-by-side mountingYesheight214 mmwidth160 mmdepth225 mmrequired spacing - forwards20 mm- forwards20 mm- upwards10 mm- downwards10 mm- at the side0 mm		
surface +/- 22.5° tiltable to the front and backfastening methodscrew fixing• side-by-side mountingYesheight214 mmwidth160 mmdepth225 mmrequired spacing225 mm• with side-by-side mounting20 mm- forwards20 mm- downwards10 mm- at the side0 mm	Installation/ mounting/ dimensions	
• side-by-side mountingYesheight214 mmwidth160 mmdepth225 mmrequired spacing225 mm• with side-by-side mounting20 mm- forwards20 mm- upwards10 mm- downwards0 mm- at the side0 mm	mounting position	
height214 mmwidth160 mmdepth225 mmrequired spacing225 mm• with side-by-side mounting20 mm— forwards20 mm— upwards10 mm— downwards10 mm— at the side0 mm	fastening method	screw fixing
width 160 mm depth 225 mm required spacing 225 mm • with side-by-side mounting - - forwards 20 mm - upwards 10 mm - downwards 10 mm - at the side 0 mm	 side-by-side mounting 	Yes
depth225 mmrequired spacing225 mm• with side-by-side mounting forwards20 mm- upwards10 mm- downwards10 mm- at the side0 mm	height	214 mm
required spacing • with side-by-side mounting forwards 20 mm upwards 10 mm downwards 10 mm at the side 0 mm		160 mm
 with side-by-side mounting forwards upwards downwards mm at the side mm 	•	225 mm
forwards 20 mm upwards 10 mm downwards 10 mm at the side 0 mm		
— upwards10 mm— downwards10 mm— at the side0 mm		
— downwards 10 mm — at the side 0 mm		
— at the side 0 mm	•	
for grounded parts		0 mm
	 for grounded parts 	

contacts	70 040 3		
stranded	70 240 mm²		
connectable conductor cross-section for auxiliary			
contacts			
solid or stranded	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 mm²), 2x (0,75 2,5 mm²), max. 2x (0,75 4 mm²)		
 — solid or stranded — finely stranded with core end processing 	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)		
finely stranded with core end processingat AWG cables for auxiliary contacts			
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function 	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) 2x (20 16), 2x (18 14), 1x 12 18 14		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function 	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) 2x (20 16), 2x (18 14), 1x 12 18 14		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947- 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to SN 31920 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 saitability for use safety-related switching OFF 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 safety-related switching OFF 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 safety-related switching OFF Certificates/ approvals General Product Approval 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover Yes EMC		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 suitability for use safety-related switching OFF 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover Yes EMC		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 safety-related switching OFF Certificates/ approvals General Product Approval 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover Yes EMC		
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 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 safety-related switching OFF Certificates/ approvals General Product Approval 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover Yes EMC		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 safety-related switching OFF Certificates/ approvals General Product Approval 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover Yes EMC		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to IEC 60947-5-1 B10 value with high demand rate according to IEC 60529 touch protection on the front according to IEC 60529 suitability for use safety-related switching OFF Certificates/ approvals General Product Approval	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover Yes EMC		
 - finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section at a auxiliary contacts a for auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to IEC 60529 touch protection on the front according to IEC 60529 touch protection on the front according to IEC 60529 suitability for use afety-related switching OFF Certificates/ approvals General Product Approval Confirmation 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover Yes EMC CM CM CM CM CM CM CM CM CM		
 finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section at auxiliary contacts Safety related data product function mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 B10 value with high demand rate according to IEC 60947-5-1 B10 value with high demand rate according to IEC 60529 touch protection on the front according to IEC 60529 suitability for use safety-related switching OFF Certificates/ approvals General Product Approval Confirmation	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) 2x (20 16), 2x (18 14), 1x 12 18 14 Yes No 1 000 000 IP00; IP20 with box terminal/cover finger-safe, for vertical contact from the front with box terminal/cover Yes EMC		

<u>Type Examination</u> <u>Certificate</u>	CE EG-Konf.	UK CA	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	<u>Miscellaneous</u>
Marine / Shipping					other
ABS	Lloyds Register uis	PRS	RMRS		<u>Confirmation</u>
other			Railway		
<u>Miscellaneous</u>	<u>Confirmation</u>	<u>Miscellaneous</u>	<u>Special Test Certific-</u> <u>ate</u>		

Further information

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=3RT1076-6AB36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1076-6AB36

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

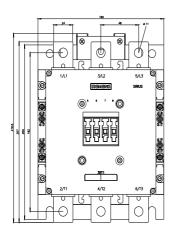
https://support.industry.siemens.com/cs/ww/en/ps/3RT1076-6AB36

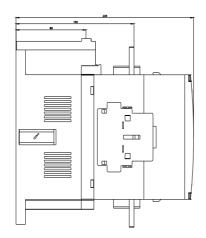
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1076-6AB36&lang=en

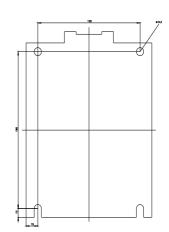
Characteristic: Tripping characteristics, I2t, Let-through current

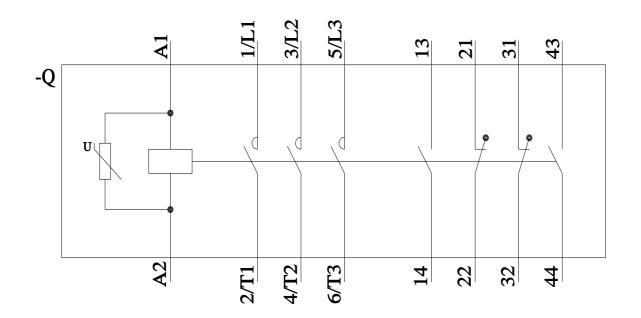
https://support.industry.siemens.com/cs/ww/en/ps/3RT1076-6AB36/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1076-6AB36&objecttype=14&gridview=view1









last modified:

6/25/2022 🖸

8/19/2022