SIEMENS

Data sheet

3RT1065-6AP36



Power contactor, AC-3 265 A, 132 kW / 400 V AC (50-60 Hz) / DC operation 220-240 V UC Auxiliary contacts 2 NO + 2 NC 3-pole, Size S10 Busbar connections Drive: conventional 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	54 W
• per pole	18 W
power loss [W] for rated value of the current without load current share typical	7.4 W
surge voltage resistance	
 of main circuit rated value 	8 kV
 of auxiliary circuit rated value 	6 kV
maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 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 (switching 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 acc. to IEC 81346-2	Q
Substance Prohibitance (Date)	01.05.2012
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 acc. 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
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C rated value	330 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	330 A
— up to 690 V at ambient temperature 60 °C rated value	300 A
— up to 1000 V at ambient temperature 40 °C rated value	150 A
— up to 1000 V at ambient temperature 60 °C rated value	150 A
• at AC-3	
— at 400 V rated value	265 A
— at 500 V rated value	265 A
— at 690 V rated value	265 A
— at 1000 V rated value	95 A
 at AC-4 at 400 V rated value 	230 A
• at AC-5a up to 690 V rated value	290 A
• at AC-5b up to 400 V rated value	219 A
 at AC-6a up to 230 V for current peak value n=20 rated 	265 A
value — up to 400 V for current peak value n=20 rated	265 A
value — up to 500 V for current peak value n=20 rated	265 A
value — up to 690 V for current peak value n=20 rated value	265 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 	184 A
 — up to 400 V for current peak value n=30 rated value 	184 A
 — up to 500 V for current peak value n=30 rated value 	184 A
— up to 690 V for current peak value n=30 rated value	184 A
— up to 1000 V for current peak value n=30 rated value	95 A
minimum cross-section in main circuit at maximum AC-1 rated value	185 mm²
operational current for approx. 200000 operating cycles at AC-4	117 A
at 400 V rated value	105 A
at 690 V rated value	
operating power	
• at AC-3	
— at 230 V rated value	75 kW
— at 400 V rated value	132 kW
— at 500 V rated value	160 kW
— at 690 V rated value — at 1000 V rated value	250 kW
operating power for approx. 200000 operating cycles at AC-4	132 kW
• at 400 V rated value	66 kW
at 400 V rated value at 690 V rated value	102 kW
operating apparent power at AC-6a	100 000 kV·A
 up to 230 V for current peak value n=20 rated value 	100 000 KV A

 up to 400 V for current peak value n=20 rated value 	180 000 V·A
 up to 500 V for current peak value n=20 rated value 	220 000 V·A
 up to 690 V for current peak value n=20 rated value 	310 000 V·A
 up to 1000 V for current peak value n=20 rated value 	160 000 V·A
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	70 000 V·A
• up to 400 V for current peak value n=30 rated value	120 000 V·A
• up to 500 V for current peak value n=30 rated value	150 000 V·A
• up to 690 V for current peak value n=30 rated value	220 000 V·A
• up to 1000 V for current peak value n=30 rated	160 000 V·A
value	
short-time withstand current in cold operating state up to 40 °C	
 limited to 1 s switching at zero current maximum 	4 880 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	4 045 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	2 785 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	1 664 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 60 s switching at zero current maximum 	1 276 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at AC	2 000 1/h
• at DC	2 000 1/h
operating frequency	
at AC-1 maximum	800 1/h
• at AC-2 maximum	300 1/h
• at AC-3 maximum	700 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	220 240 V
• at 60 Hz rated value	220 240 V
control supply voltage at DC	
• rated value	220 240 V
operating range factor control supply voltage rated	
value of magnet coil at DC	0.8
value of magnet coil at DCinitial value	0.8
value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated	0.8 1.1
value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC	1.1
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz	1.1 0.8 1.1
 value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz 	1.1 0.8 1.1 0.8 1.1
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor	1.1 0.8 1.1
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC	1.1 0.8 1.1 0.8 1.1 with varistor
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz	1.1 0.8 1.1 0.8 1.1 with varistor
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz • at 60 Hz • at 60 Hz	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A 590 V·A
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A
 value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz 	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A 590 V·A 0.9
 value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz 	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A 590 V·A 0.9
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz • at 60 Hz • at 60 Hz	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A 590 V·A 0.9 0.9
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz • at 60 Hz • at 60 Hz • at 50 Hz • at 60 Hz	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A 590 V·A 0.9 0.9 0.9 6.7 V·A
 value of magnet coil at DC initial value full-scale value operating range factor control supply voltage rated value of magnet coil at AC at 50 Hz at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC at 50 Hz at 60 Hz inductive power factor with closing power of the coil at 50 Hz at 60 Hz at 60 Hz 	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A 590 V·A 0.9 0.9 0.9 6.7 V·A
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A 590 V·A 0.9 0.9 0.9 6.7 V·A 6.7 V·A
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value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A 590 V·A 0.9 0.9 6.7 V·A 6.7 V·A 0.9 0.9
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A 590 V·A 590 V·A 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A 590 V·A 590 V·A 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9
value of magnet coil at DC • initial value • full-scale value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz • at 60 Hz design of the surge suppressor apparent pick-up power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with closing power of the coil • at 50 Hz • at 60 Hz apparent holding power of magnet coil at AC • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power factor with the holding power of the coil • at 50 Hz • at 60 Hz inductive power of magnet coil at DC holding power of magnet coil at DC holding power of magnet coil at DC	1.1 0.8 1.1 0.8 1.1 with varistor 590 V·A 590 V·A 0.9 0.9 0.9 6.7 V·A 6.7 V·A 6.7 V·A 7.4 W

operating usay 40 - 80 ms • el DC 40 - 80 ms • el DC 40 - 80 ms • acting time 10 - 15 ms control version of the switch operating mechanism Standard A1 - A2 Auxiliary circuits 2 number of NC contects for auxiliary contacts 2 number of NC contects for auxiliary contacts 2 operational current at AC-15 6 • el 230 V rated value 6 • el 400 V rated value 6 • el 400 V rated value 0A • el 40 V rated value 0A • el 400 V rated value 0	opening delay	
• e1DC 4080 ms excing time 1016 ms Control version of the switch operating mechanism Standard A1 - A2 Auxiliary orbuit 1016 ms Control version of the switch operating mechanism 2 Instantancian control 2 Instantancian control 2 Instantancian control 2 Operational current at AC-12 maximum 10 A Operational current at AC-15 6 A • e1 d30 V rated value 3 A • e1 d30 V rated value 10 A Operational current at AC-12 maximum 10 A • e1 d30 V rated value 6 A • e1 d30 V rated value 7 A • e1 d30 V rated value 10 A • e1 d30 V rated value <td< td=""><td>opening delay</td><td>40 80 mc</td></td<>	opening delay	40 80 mc
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Control version of the switch operating mechanism Standard A1 - A2 Auxiliary contacts 2 Instantaneous contacts for auxiliary contacts 2 Instantaneous contacts for auxiliary contacts 2 Operational current at AC-12 maximum 10 A Operational current at AC-15 6 A • at 300 V rated value 3 A • at 300 V rated value 10 A Operational current at AC-15 6 A • at 300 V rated value 6 A • at 300 V rated value 6 A • at 400 V rated value 6 A • at 600 V rated value 6 A • at 122 V rated value 10 A • at 220 V rated value 10 A • at 300 V rated value 10 A • at 300 V rated value 10 A • at 42 V rated value 2 A • at 30 V rated value 10 A • at 42 V rated value 0 A • at 43 V rated value 0 A • at 44 V rated value 0 A • at 40 V rated value 0 A • at 400 V rated value 0 A		
Auxiliary circuit 2 Pumber of NC: contacts for auxiliary contacts 2 Operational content of NO: contacts 2 operational content at AC-15 6A • at 300 V rated value 3A • at 600 V rated value 6A • at 600 V rated value 0A • at 600 V rat		
number of NC contacts for auxilary contacts 2 number of NO contacts for auxilary contacts 2 operational current at AC-15 maximum 10 A operational current at DC-12 1 • at 800 V rated value 1A operational current at DC-12 10 A • at 80 V rated value 1A operational current at DC-13 10 A • at 80 V rated value 1A operational current at DC-13 10 A • at 80 V rated value 1A • at 80 V rated value 10 A • at 80 V rated value 2A • at 80 V rated value 2A • at 80 V rated value 0.1 A • at 80 V rated value 0.1 A • at 800 V rated value 0.1 A • at 800 V rated value	·	Stanuaru AT - Az
Instantaneous contacts or auxiliary contracts Implement of Xo contracts for auxiliary contracts Implement of Xo contracts for auxiliary contracts Operational current at AC-15 • at 230 V rated value AC-15 • at 230 V rated value AC-15 • at 230 V rated value AC-15 • at 230 V rated value AC-15 • at 200 V rated value AC-15 • at 200 V rated value AC-16 • at 40 V rated value AC-17 • at 42 V rated value AC-17 • at 420 V rated v		2
Instantaneous contact operational current at AC-15 maximum operational current at AC-15 at 230 V rated value at 300 V rated value at 500 V rated value AC-15 bit 230 V rated value AC-15 bit 240 V rated value AC-15 bit 240 V rated value AC-15 bit 240 V rated value AC-16 bit 240 V rated value AC-17 bit 250 V rat	instantaneous contact	
operational current at AC-15 6 A • at 200 V rated value 3 A • at 500 V rated value 2 A • at 500 V rated value 1 A operational current at DC-12 0 A • at 40 V rated value 6 A • at 43 V rated value 6 A • at 44 V rated value 6 A • at 43 V rated value 6 A • at 40 V rated value 6 A • at 10 V rated value 6 A • at 10 V rated value 6 A • at 10 V rated value 1 A • at 60 V rated value 1 A • at 60 V rated value 0 15 A operational current at DC-13 0 A • at 80 V rated value 0 A • at 20 V rated value 0 A • at 40 V rated value 2 A • at 600 V rated value 0 A • at 600 V rated value 0 A • at 600 V rated value 240 A • at 600 V rated value 240 A • at 600 V rated value 240 A • at 600 V rated value 260 bp • at 6		2
 at 230 V rated value 3 A at 500 V rated value 3 A at 500 V rated value 3 A at 500 V rated value 1 A operational current at DC-12 at 24 V rated value 6 A at 40 V rated value 1 A operational current at 0-12 at 24 V rated value 6 A at 43 V rated value 6 A at 43 V rated value 6 A at 43 V rated value 6 A at 10 V rated value 6 A at 220 V rated value 0.15 A operational current at DC-13 at 48 V rated value 0.15 A operational current at DC-13 at 48 V rated value 0.15 A operational current at DC-13 at 48 V rated value 10 A at 48 V rated value 10 A at 48 V rated value 10 A at 48 V rated value 0.15 A operational current at DC-13 at 48 V rated value 0.14 A at 600 V rated value 240 A at 80 V rated value 240 A at 800 V rated value 260 hp at 600 V rated value 		10 A
eit 400 V rated value 3 A eit 600 V rated value 1 A operational current at DC-12 1 A eit 610 V rated value 6 A eit 102 V rated value 7 A eit 102 V rated value 7 A eit 600 V rated value 7 A eit 70 V rated value 7 A eit 700 V rated value 7 A eit 700 V rated value 7 5 hp eit 400 V rated value 7 5 hp	-	
• at 500 V rated value 2 A • at 690 V rated value 1 A • or 240 V rated value 10 A • at 24 V rated value 10 A • at 24 V rated value 6 A • at 60 V rated value 3 A • at 10 V rated value 3 A • at 120 V rated value 3 A • at 220 V rated value 1 A • at 220 V rated value 1 A • at 200 V rated value 2 A • at 200 V rated value 1 A • at 200 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 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings 240 A • at 600 V rated value 260 hp • at 600 V rated value 260 hp		
• at 690 V rated value 1 A operational current at DC-12 0 • at 24 V rated value 0 A • at 60 V rated value 6 A • at 10 V rated value 3 A • at 125 V rated value 2 A • at 200 V rated value 0.15 A operational current at DC-13 0.15 A • at 600 V rated value 0.15 A operational current at DC-13 0.15 A • at 600 V rated value 0.16 A • at 600 V rated value 0.16 A • at 720 V rated value 0.16 A • at 80 V rated value 0.16 A • at 60 V rated value 240 A • at 60 V rated value 240 A • at 60 V rated value 240 A • at 80 V rated value 260 hp • at 80 V rated value 260 hp • at 600 V rated value 260 hp		
operational current at DC-12 10 A • at 24 V rated value 10 A • at 40 V rated value 6 A • at 60 V rated value 6 A • at 100 V rated value 6 A • at 125 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 1 A • at 200 V rated value 0.15 A operational current at DC-13 10 A • at 20 V rated value 2 A • at 80 V rated value 0.3 A • at 125 V rated value 0.1 A contact reliability of rated value 0.1 A contact reliability of rated value 240 A • at 400 V rated value 240 A	 at 500 V rated value 	
• at 24 V rated value 10 Å • at 43 V rated value 6 Å • at 100 V rated value 3 Å • at 125 V rated value 1 Å • at 220 V rated value 1 Å • at 220 V rated value 0.1 Å • at 200 V rated value 0.1 Å • at 200 V rated value 0.1 Å • at 24 V rated value 2 Å • at 24 V rated value 0.1 Å • at 24 V rated value 2 Å • at 24 V rated value 2 Å • at 24 V rated value 2 Å • at 25 V rated value 2 Å • at 25 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 0.2 Å • at 400 V rated value 240 Å • at 600 V rated value 200 Å • for short-ciccuit protact		1 A
• at 48 V rated value 6 A • at 60 V rated value 6 A • at 126 V rated value 3 A • at 220 V rated value 1 A • at 220 V rated value 0.15 A opparational current at DC-13 - • at 24 V rated value 10 A • at 80 V rated value 2 A • at 80 V rated value 0.9 A • at 125 V rated value 0.3 A • at 220 V rated value 0.1 A • at 80 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 240 A • at 800 V rated value 240 A • at 600 V rated value 260 bp - at 220/230 V rated value 75 hp - at 220/230 V rated value 200 hp - or at 220/230 V rated value 200 hp	•	
• at 60 V rated value 6 A • at 110 V rated value 3 A • at 220 V rated value 1 A • at 200 V rated value 0.15 A operational current at DC-13 0.15 A • at 24 V rated value 10 A • at 30 V rated value 2 A • at 40 V rated value 2 A • at 40 V rated value 2 A • at 80 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 0.3 A • at 200 V rated value 0.1 A • at 200 V rated value 240 A • at 200 V rated value 240 A • at 200 V rated value 240 A • at 600 V rated value 240 A • at 600 V rated value 240 A • at 200/208 V rated value 200 hp at 200/208 V rated value 200 hp at 200/208 V rated value 200 hp at 200/208 V rated value 260 hp at 640480 V rated value 200 hp at 675/600 V rated value 260 hp - or strot-circuit protection of the main circu		
 e at 110 V rated value a A e at 125 V rated value A e at 260 V rated value A e at 600 V rated value 0.15 A operational current at DC-13 et 24 V rated value 0.15 A operational current at DC-13 et 24 V rated value 10 A et 34 V rated value 2 A et 360 V rated value 2 A et 360 V rated value 2 A et 310 V rated value 0.9 A et 320 V rated value 0.3 A et 320 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) U/CSA ratings U/CSA ratings U/CSA ratings U/CSA ratings U/CSA ratings U/CSA ratings for 3-phase AC motor et 480 V rated value 240 A et 300/208 V rated value 240 A et 300/208 V rated value 240 A et 300/208 V rated value 250 hp contact reliability of rated value 260 hp contact rating of auxiliary contacts according to UL A600 / Q800 Short-circuit protection of the main circuit with type of coordination 1 required gG: 500 A (690 V, 100 kA) gG: 500 A (690 V, 100 kA) gG: 500 A (690 V, 100 kA) gG: 10 A (500 V, 1 kA) resultation mounting surface +/-90° rotatable, with vertical mounting surface +/-20° rotatable, with vert		
 at 125 V rated value at 220 V rated value 1 A at 600 V rated value 0.15 A operational current at DC-13 at 24 V rated value 10 A at 48 V rated value 2 A at 60 V rated value 2 A at 60 V rated value 2 A at 10 V rated value 2 A at 60 V rated value 2 A at 22 V rated value 3 A at 60 V rated value 0.3 A at 60 V rated value 0.4 at 22 V rated value 0.4 at 220 V rated value 0.4 at 220 V rated value 0.4 at 60 V rated value 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 240 A at 600 V rated value 242 A yielded mechanical performance (hp) for 3-phase AC motor - at 200/208 V rated value 200 hp - at 200/208 V rated value 200 hp - at 400/400 V rated value 200 hp - at 60/400 V rated value 200 hp - at 60/400 V rated value 200 hp - at 675/600 V rated value 200 hp - at 575/600 V rated value 200 hp - at 60/400 V rated value 200 hp - at 575/600 V rated value 96: 500 A (690 V, 100 kA) gG: 500 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) gG: 500 A (690 V, 100 kA), aM		
• 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 24 V rated value 2 A • at 600 V rated value 2 A • at 10 V rated value 0.9 A • at 25 V rated value 0.9 A • at 20 V rated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) U/CSA ratings		
• at 600 V rated value 0.15 A operational current at DC-13 10 A • at 24 V rated value 2 A • at 60 V rated value 2 A • at 10 V rated value 10 A • at 10 V rated value 2 A • at 10 V rated value 0.9 A • at 220 V rated value 0.3 A • at 60 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 240 A • at 600 V rated value 250 hp - at 220/230 V rated value 250 hp - at 575/600 V rated value 250 hp contact rating of auxiliary contacts according to UL A60/ Q600 Short-circuit protection of the main circuit G: 500 A (690 V, 100 kA) - with type of condination 1 required gG: 500 A (690 V, 100 kA) - with type of assignment 2 required yG: 100 A (690 V, 100 kA) - with type of assignment 2 required yG: 100 A		
operational current at DC-13 10 A • at 24 V frated value 10 A • at 48 V frated value 2 A • at 10 V frated value 1 A • at 22 V frated value 0.9 A • at 20 V frated value 0.1 A contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) ULCSA ratings 10 A full-load current (FLA) for 3-phase AC motor 44 80 V frated value • at 800 V frated value 240 A • at 600 V rated value 25 hp • at 200/208 V rated value 75 hp at 200/208 V rated value 200 hp at 200/208 V rated value 200 hp at 460/480 V rated value 200 hp at 460/480 V rated value 200 hp at 4575600 V rated value 260 hp - ortact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 500 A (690 V, 100 kA) • for short-circuit protection of		
		0.15 A
• at 48 V rated value 2 A • at 10 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 240 A full-load current (FLA) for 3-phase AC motor 424 A • at 600 V rated value 240 A • at 600 V rated value 242 A yielded mechanical performance [hp] • • for 3-phase AC motor - - at 200/208 V rated value 75 hp - at 200/208 V rated value 250 hp contact rating of auxiliary contacts according to UL A600 / php - at 460/480 V rated value 250 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 500 A (690 V, 100 kA) • for 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), BS88: 400 A (415 V, 50 kA), BS88: 400 A (415 V, 50 kA), abs 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA), bA) <td></td> <td></td>		
• 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 full-load current (FLA) for 3-phase AC motor • at 480 V rated value 240 A • at 600 V rated value 242 A yielded mechanical performance [hp] • for 3-phase AC motor • at 200/280 V rated value 75 hp • at 200/280 V rated value 200 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 500 A (690 V, 100 kA) e for short-circuit protection of the main circuit gG: 400 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required gG: 100 A (690 V, 100 kA), aM: 315 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 full-load current (FLA) for 3-phase AC motor at 600 V rated value 240 A at 600 V rated value 242 A yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 242 A yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 200 hp at 200/208 V rated value 200 hp at 200/208 V rated value 200 hp at 2575/600 V rated value 200 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit with type of coordination 1 required gG: 500 A (690 V, 100 kA) gG: 500 A (690 V, 100 kA), all: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +		
 et 125 V rated value 0.9 A et 220 V rated value 0.3 A et 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 et 480 V rated value 240 A et 480 V rated value 242 A yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 240 A et 200/208 V rated value 200 hp at 480/480 V rated value 200 hp at 4575600 V rated value 250 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit with type of coordination 1 required g6: 500 A (690 V, 100 kA) g6: 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 auxiliary switch required g6: 10 A (500 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) for short-circuit protection of the auxiliary switch required g6: 10 A (500 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) for short-circuit protection of the auxiliary switch required surface +/-22.5° tiltable to the front and back fastening method surface +/-22.5° tiltable to the front and back straing method side-by-side mounting Yes<td></td><td></td>		
• 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 240 A • at 480 V rated value 240 A • at 600 V rated value 242 A yielded mechanical performance [hp] • • for 3-phase AC motor - - at 200/208 V rated value 100 hp - at 200/208 V rated value 200 hp - at 200/208 V rated value 200 hp - at 460/480 V rated value 200 hp - at 460/480 V rated value 200 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection gG: 500 A (690 V, 100 kA) design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required gG: 100 A (690 V, 100 kA) gG: 400 A (690 V, 100 kA), ald: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) v, 50 kA) gG: 10 A (500 V, 1 kA) required surface +/-22.5" tiltable to the front and back fastening method screw fixing <tr< td=""><td></td><td></td></tr<>		
• 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		
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 240 A at 600 V rated value 242 A yielded mechanical performance [hp] for 3-phase AC motor at 220/230 V rated value 75 hp at 220/230 V rated value 200 hp at 220/230 V rated value 200 hp at 575/600 V rated value 200 hp at 575/600 V rated value 250 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection of the main circuit of or short-circuit protection of the main circuit with type of coordination 1 required gG: 500 A (690 V, 100 kA) ad: 400 A (690 V, 100 kA), adi: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) e for short-circuit protection of the auxiliary switch required ad: 400 A (690 V, 100 kA), adi: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) e for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting / dimensions mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface		
UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value 240 A • at 600 V rated value 242 A yielded mechanical performance [hp] • for 3-phase AC motor - at 200/208 V rated value 75 hp - at 200/208 V rated value 100 hp - at 200/208 V rated value 200 hp - at 400/480 V rated value 250 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link design of the fuse link • for short-circuit protection of the main circuit - with type of assignment 2 required gG: 500 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (500 V, 100 kA) of or short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) required mounting / dimensions mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotat		
full-load current (FLA) for 3-phase AC motor 240 A • at 480 V rated value 240 A • at 600 V rated value 242 A yielded mechanical performance [hp] 6 • for 3-phase AC motor 75 hp - at 220/230 V rated value 100 hp - at 220/230 V rated value 200 hp - at 460/480 V rated value 200 hp - at 4575/600 V rated value 250 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection 4600 / Q600 design of the fuse link 9 - 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) - 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 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 210 mm width 145 mm		1 faulty switching per 100 million (17 V, 1 mA)
• at 480 V rated value 240 A • at 600 V rated value 242 A yielded mechanical performance [hp] • for 3-phase AC motor - at 200/208 V rated value 75 hp - at 220/230 V rated value 100 hp - at 460/480 V rated value 200 hp - at 460/480 V rated value 200 hp - at 575/600 V rated value 250 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 assignment 2 required gG: 500 A (690 V, 100 kA) - with type of assignment 2 required gG: 10 A (500 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 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 +/-90°	UL/CSA ratings	
• at 600 V rated value 242 A yielded mechanical performance [hp] • • for 3-phase AC motor - - at 200/208 V rated value 75 hp - at 220/230 V rated value 100 hp - at 460/480 V rated value 200 hp - at 575/600 V rated value 250 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 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 auxiliary switch required gG: 10 A (500 V, 1 kA) required with vertical mounting surface +/-90° rotatable, with	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 220/230 V rated value at 4200/208 V rated value at 4575/600 V rated value 250 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 assignment 2 required with type of assignment 2 required with type of assignment 2 required for short-circuit protection of the auxiliary switch required gG: 400 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415 V, 50 kA) gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position with vertical mounting surface +/-90° rotatable,	 at 480 V rated value 	240 A
• for 3-phase AC motor - - at 200/208 V rated value 75 hp - at 220/230 V rated value 100 hp - at 420/480 V rated value 200 hp - at 575/600 V rated value 250 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: 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 auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90		242 A
- at 200/208 V rated value75 hp- at 220/230 V rated value100 hp- at 460/480 V rated value200 hp- at 575/600 V rated value250 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectiondesign of the fuse link• for short-circuit protection of the main circuit- with type of coordination 1 required- with type of assignment 2 requiredgG: 500 A (690 V, 100 kA)• for short-circuit protection of the auxiliary switch requiredgG: 10 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 auxiliary switch requiredgG: 10 A (500 V, 1 kA)• fastening methodscrew fixing• side-by-side mountingYesheight210 mmwidth145 mmdepth202 mm		
- at 220/230 V rated value 100 hp - at 460/480 V rated value 200 hp - at 575/600 V rated value 250 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: 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 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 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) • fastening method screw fixing • side-by-side mounting Yes height 210 mm width 145 mm depth 202 mm		
at 460/480 V rated value 200 hp at 575/600 V rated value 250 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		
at 575/600 V rated value250 hpcontact rating of auxiliary contacts according to ULA600 / Q600Short-circuit protectionA600 / Q600design of the fuse link 		
contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link e 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) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 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 210 mm width 145 mm depth 202 mm		
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 • for short-circuit protection of the auxiliary switch required gG: 10 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 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 210 mm width 145 mm depth 202 mm		
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) 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 +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back side-by-side mounting Yes height 210 mm width 145 mm depth 202 mm 		A600 / Q600
 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 auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ 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 fastening method side-by-side mounting Yes height 210 mm width 145 mm 202 mm 		
with type of coordination 1 requiredgG: 500 A (690 V, 100 kA) with type of assignment 2 requiredgG: 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 auxiliary switch requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensionswith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and backfastening methodscrew fixing• side-by-side mountingYesheight210 mmwidth145 mmdepth202 mm	•	
with type of assignment 2 requiredgG: 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 auxiliary switch requiredgG: 10 A (500 V, 1 kA)Installation/ mounting/ dimensionswith vertical mounting surface +/-90° rotatable, with vertical mounting surface +/-90° rotatable, with vertical mountingfastening methodscrew fixing• side-by-side mountingYesheight210 mmwidth145 mmdepth202 mm		
• for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position 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 210 mm width 145 mm depth 202 mm		
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 210 mm width 145 mm depth 202 mm		V, 50 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 210 mm width 145 mm depth 202 mm	required	gG: 10 A (500 V, 1 kA)
surface +/- 22.5° tiltable to the front and back fastening method screw fixing • side-by-side mounting Yes height 210 mm width 145 mm depth 202 mm	Installation/ mounting/ dimensions	
• side-by-side mounting Yes height 210 mm width 145 mm depth 202 mm	mounting position	
height 210 mm width 145 mm depth 202 mm	fastening method	screw fixing
width 145 mm depth 202 mm	 side-by-side mounting 	Yes
depth 202 mm	height	210 mm
	width	145 mm
required spacing	depth	202 mm
	required spacing	

CSA CCC		
CSA CCC	0C	
General Product Approval		
Certificates/ approvals		
safety-related switching OFF	Yes	
suitability for use		
touch protection on the front acc. to IEC 60529	finger-safe, for vertical contact from the front with box terminal/cover	
protection class IP on the front acc. to IEC 60529	IP00; IP20 with box terminal/cover	
B10 value with high demand rate acc. to SN 31920	1 000 000	
Safety related data	IU 14	
 section for auxiliary contacts 	18 14	
AWG number as coded connectable conductor cross		
 at AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14), 1x 12	
 — finely stranded with core end processing 	2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²), max. 2x (0,75 4 mm ²)	
— solid — solid or stranded	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²), max. 2x (0.75 4 mm ²) 2x (0,5 1,5 mm ²), 2x (0,75 2,5 mm ²), max. 2x (0,75 4 mm ²)	
 for auxiliary contacts — solid 	$2 \times (0.5 \pm 1.5 \text{ mm}^2) 2 \times (0.75 \pm 2.5 \text{ mm}^2) \text{ mov} 2 \times (0.75 \pm 4 \text{ mm}^2)$	
type of connectable conductor cross-sections		
finely stranded with core end processing	0.5 2.5 mm ²	
 solid or stranded 	0.5 4 mm²	
connectable conductor cross-section for auxiliary contacts		
stranded connectable conductor cross-section for auxiliary	70 240 mm²	
contacts	70 040 mm2	
connectable conductor cross-section for main		
• at AWG cables for main contacts	2/0 500 kcmil	
of magnet coil type of connectable conductor cross-sections	Screw-type terminals	
 at contactor for auxiliary contacts of magnet coil 	Screw-type terminals	
 for auxiliary and control circuit at contactor for auxiliary contacts 	screw-type terminals	
for main current circuit for ouviliant and control circuit	Connection bar	
type of electrical connection		
number of holes		
diameter of holes	11 mm	
thickness of connection bar	6 mm	
width of connection bar	25 mm	
Connections/ Terminals		
— at the side	10 mm	
— downwards	10 mm	
— upwards	10 mm	
forwards	20 mm	
 downwards for live parts 	10 mm	
— at the side	10 mm	
— upwards	10 mm	
— forwards	20 mm	
• for grounded parts		
— at the side	0 mm	
— downwards	10 mm	
— upwards	10 mm	
— forwards	20 mm	
 with side-by-side mounting 		

RCM	<u>Type Examination</u> <u>Certificate</u>	<u>UK Declaration of</u> <u>Conformity</u>	CE EG-Konf.	Special Test Certific- ate	<u>Type Test Certific-</u> ates/Test Report
Test Certificates	Marine / Shipping				other
<u>Miscellaneous</u>	ABS	Llovd's Register uis	RMRS R	DINV-GL DINU-GL Divel.com/	<u>Confirmation</u>
other			Railway		
Miscellaneous	<u>Confirmation</u>	<u>Miscellaneous</u>	<u>Special Test Certific-</u> <u>ate</u>		

Further	

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1065-6AP36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1065-6AP36

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

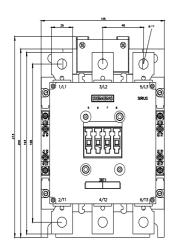
https://support.industry.siemens.com/cs/ww/en/ps/3RT1065-6AP36

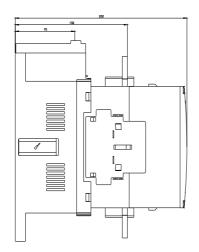
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1065-6AP36&lang=en

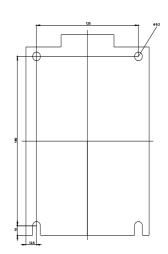
Characteristic: Tripping characteristics, I2t, Let-through current

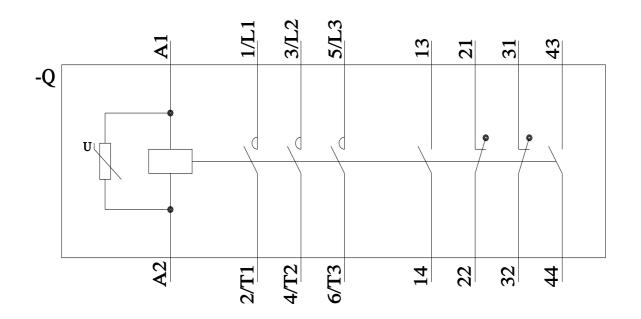
https://support.industry.siemens.com/cs/ww/en/ps/3RT1065-6AP36/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1065-6AP36&objecttype=14&gridview=view1









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