SIEMENS

Data sheet

3RT2026-1DB40-1AA0



Power contactor, AC-3 25 A, 11 kW / 400 V 1 NO + 1 NC, 24 V DC with varistor 3-pole, size S0, screw terminals Upright mounting position

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	SO
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 	5.7 W
 at AC in hot operating state per pole 	1.9 W
 without load current share typical 	5.9 W
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	690 V
 of auxiliary circuit with degree of pollution 3 rated value 	690 V
surge voltage resistance	
 of main circuit rated value 	6 kV
 of auxiliary circuit rated value 	6 kV
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at DC	15g / 5 ms, 10g / 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 according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
Ambient conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature	
during operation	-25 +60 °C
during storage	-55 +80 °C
relative humidity minimum	10 %
relative humidity at 55 °C according to IEC 60068-2-30 maximum	95 %

Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
 at AC-3 rated value maximum 	690 V
 at AC-3e rated value maximum 	690 V
operational current	
 at AC-1 at 400 V at ambient temperature 40 °C rated value 	40 A
• at AC-1	
 — up to 690 V at ambient temperature 40 °C rated value 	40 A
— up to 690 V at ambient temperature 60 °C rated value	35 A
• at AC-3	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-3e	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-4 at 400 V rated value	15.5 A
 at AC-5a up to 690 V rated value 	35.2 A
• at AC-5b up to 400 V rated value	20.7 A
• at AC-6a	
 up to 230 V for current peak value n=20 rated value 	20.2 A
 up to 400 V for current peak value n=20 rated value 	20.2 A
 — up to 500 V for current peak value n=20 rated value 	20.2 A
 up to 690 V for current peak value n=20 rated value 	12.9 A
 at AC-6a up to 230 V for current peak value n=30 rated value 	13.5 A
— up to 400 V for current peak value n=30 rated value	13.5 A
 — up to 500 V for current peak value n=30 rated value 	13.5 A
up to 690 V for current peak value n=30 rated value	13 A
minimum cross-section in main circuit at maximum AC-1 rated value operational current for approx. 200000 operating	10 mm ²
cycles at AC-4	
at 400 V rated value	9 A
• at 690 V rated value	9 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	35 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1A
— at 440 V rated value	0.4 A
— at 600 V rated value	0.25 A
 with 2 current paths in series at DC-1 	
- at 24 V rated value	35 A
— at 110 V rated value	35 A 35 A
— at 220 V rated value	5 A
— at 440 V rated value	1A
— at 600 V rated value	0.8 A
 with 3 current paths in series at DC-1 	

	— at 24 V rated value	35 A
- al 440 V radie Value - al 424 V radie Value - al 420 V radie	— at 110 V rated value	35 A
	— at 220 V rated value	35 A
• + it ourment path at DC-3 at DC-5 20 at 24 V rated value 25 A at 220 V rated value 0.09 A at 400 V rated value 0.09 A at 600 V rated value 0.09 A at 24 V rated value 0.09 A at 20 V rated value 0.09 A at 20 V rated value 35 A at 24 V rated value 0.09 A	— at 440 V rated value	2.9 A
	— at 600 V rated value	1.4 A
	 at 1 current path at DC-3 at DC-5 	
	— at 24 V rated value	20 A
	— at 110 V rated value	2.5 A
	— at 220 V rated value	1 A
 with 2 current paths in series at DC-3 at DC-5 at 24 V rated value 35 A at 220 V rated value 36 A at 24 V rated value 37 A at 24 V rated value 36 A at 30 V rated value 36 A at 300 V rated value at 300 V rated value 11 kW at 400 V rated value 12 kVA 13 kVA 13 kVA 13 kVA 14 kVA 14 kVA 14 kVA	— at 440 V rated value	0.09 A
	— at 600 V rated value	0.06 A
- al 110 V rated value 15 Å - at 220 V rated value 3 Å - at 440 V rated value 0.16 Å • with 3 current paths series at DC-3 at DC-5 - at 24 V rated value - at 24 V rated value 35 Å - at 24 V rated value 36 Å - at 24 V rated value 36 Å - at 24 V rated value 36 Å - at 20 V rated value 0.6 Å - at 200 V rated value 0.6 Å operating power 11 kW • at AC-2 at 400 V rated value 11 kW - at 200 V rated value 11 kW - at 800 V rated value 12 kVA • up to 800 V for current pack value n=20 rated value 13 kVA • up to 800 V for current pack value n=20 rated value 15 kVA <td> with 2 current paths in series at DC-3 at DC-5 </td> <td></td>	 with 2 current paths in series at DC-3 at DC-5 	
	— at 24 V rated value	35 A
- at 440 V rated value 0.27 A - at 600 V rated value 0.16 A - at 24 V rated value 35 A - at 110 V rated value 35 A - at 1220 V rated value 10 A - at 220 V rated value 0.6 A operating power 0.6 A • at AC-2 at 400 V rated value 0.6 A - at 230 V rated value 0.6 A - at 200 V rated value 11 kW • at AC-2 at 400 V rated value 11 kW - at 600 V rated value 12 kVA <tr< td=""><td>— at 110 V rated value</td><td>15 A</td></tr<>	— at 110 V rated value	15 A
	— at 220 V rated value	3 A
 with 3 current paths in series at DC-3 at DC-5 at 24 V rated value 35 A at 10 V rated value 35 A at 220 V rated value 06 A at 460 V rated value 06 A at 600 V rated value 06 A at 600 V rated value 06 A at 600 V rated value 06 A at 600 V rated value 06 A at 600 V rated value 55 kW at 600 V rated value 11 kW at 600 V rated value 10 kVA at 600 V rated value 10 kVA at 600 V rated value 10 kVA at 600 V for current peak value n=20 rated value 13 kVA at 600 V for current peak value n=20 rated value 13 kVA at 600 V for current peak value n=20 rated value 13 kVA at 600 V	— at 440 V rated value	0.27 A
	— at 600 V rated value	0.16 A
	 with 3 current paths in series at DC-3 at DC-5 	
	•	35 A
	— at 110 V rated value	35 A
	— at 220 V rated value	10 A
operating power at AC-2 at 400 V rated value at AC-3 at AC value at 400 V rated value th W at 400 V rated value th W at 400 V rated value th W at 400 V rated value th W at 400 V rated value th W at 400 V rated value th W at 400 V rated value th W <lith li="" w<=""> th W</lith>	— at 440 V rated value	
operating power at AC-2 at 400 V rated value at AC-3 at AC value at 400 V rated value th W at 400 V rated value th W at 400 V rated value th W at 400 V rated value th W at 400 V rated value th W at 400 V rated value th W at 400 V rated value th W <lith li="" w<=""> th W</lith>	— at 600 V rated value	0.6 A
 at AC-2 at 400 V rated value at AC-3 at AC-3 at AC-3 at 400 V rated value at 500 V rated value at 600 V rated value at 600 V rated value at 230 V rated value at 600 V rated value at 230 V rated value at 230 V rated value at 230 V rated value at 400 V rated value at 400 V rated value at 600 V for current peak value n=20 rated value at 600 V for current peak value n=20 rated value at 600 V for current peak value n=20 rated value at 600 V for current peak value n=30 rated value at 600 V for current peak value n=30 rated value by to 500 V for current peak value n=30 rated value by to 40° C at 600 V for current peak value n=30 rated value by to 40° C at 600 V for current peak value n=30 rated value by to 40° C at 600 V for current peak value n=30 rated value by to 40° C at 600 V for current peak value n=30 rated value by to 40° C at 600 V for current peak value n=30 rated value by to 40° C c) thot	operating power	
• at AC-3 - at 230 V rated value 5.5 kW - at 230 V rated value 11 kW - at 650 V rated value 11 kW - at 650 V rated value 11 kW - at 230 V rated value 11 kW - at 400 V rated value 11 kW - at 500 V rated value 11 kW - at 500 V rated value 11 kW - at 650 V rated value 11 kW - at 650 V rated value 11 kW operating power for approx. 200000 operating cycles at AC-4 4.4 kW • at 600 V rated value 7.7 kW operating apparent power at AC-6a 8 kVA • up to 200 V for current peak value n=20 rated value 13.8 kVA • up to 500 V for current peak value n=30 rated value 5.3 kVA • up to 500 V for current peak value n=30 rated value 9.3 kVA • up to 500 V for current peak value n=30 rated value 9.3 kVA • up to 600 V for current peak value n=30 rated value 11.6 kVA • up to 600 V for current peak value n=30 rated value <td></td> <td>11 kW</td>		11 kW
	● at AC-3	
	— at 230 V rated value	5.5 kW
	— at 400 V rated value	11 kW
• at AC-3e 5.5 kW - at 230 V rated value 11 kW - at 400 V rated value 11 kW - at 690 V rated value 11 kW - at 690 V rated value 11 kW operating power for approx. 200000 operating cycles at AC-4 4.4 kW • at 400 V rated value 4.4 kW • at 400 V rated value 7.7 kW operating apparent power at AC-6a 8 kVA • up to 230 V for current peak value n=20 rated value 8 kVA • up to 500 V for current peak value n=20 rated value 13.9 kVA • up to 690 V for current peak value n=20 rated value 9.4 kVA • up to 500 V for current peak value n=30 rated value 5.3 kVA • up to 500 V for current peak value n=30 rated value 9.3 kVA • up to 500 V for current peak value n=30 rated value 11.6 kVA • up to 500 V for current peak value n=30 rated value 15.5 kVA short-time withstand current in cold operating state up to 40° C 375 A; Use minimum cross-section acc. to AC-1 rated value • limited to 15 s switching at zero current maximum 375 A; Use minimum cross-section acc. to AC-1 rated value • limited to 10 s switching at zero current maximum 106 A; Use minimum cross-section	— at 500 V rated value	11 kW
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	— at 230 V rated value	5.5 kW
at 690 V rated value 11 kW operating power for approx. 200000 operating cycles at AC-4 4.4 kW • at 400 V rated value 4.4 kW • at 400 V rated value 7.7 kW operating apparent power at AC-6a 8 kVA • up to 230 V for current peak value n=20 rated value 8 kVA • up to 690 V for current peak value n=20 rated value 11.4 kVA • up to 690 V for current peak value n=20 rated value 15.4 kVA operating apparent power at AC-6a 8 kVA • up to 690 V for current peak value n=30 rated value 15.4 kVA operating apparent power at AC-6a 5.3 kVA • up to 400 V for current peak value n=30 rated value 5.3 kVA • up to 690 V for current peak value n=30 rated value 16.6 kVA • up to 690 V for current peak value n=30 rated value 11.6 kVA • up to 690 V for current peak value n=30 rated value 15.5 kVA short-time withstand current in cold operating state up to 40 °C 375 A; Use minimum cross-section acc. to AC-1 rated value • limited to 10 s switching at zero current maximum 375 A; Use minimum cross-section acc. to AC-1 rated value • limited to 10 s switching at zero current maximum 106 A; Use minimum cross-section acc. to AC-1 rated value • limited to		
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• up to 690 V for current peak value n=20 rated value15.4 kVAoperating apparent power at AC-6a5.3 kVA• up to 230 V for current peak value n=30 rated value5.3 kVA• up to 400 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value11.6 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• limited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum299 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum200 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum106 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at AC-1 maximum1 000 1/h	 up to 400 V for current peak value n=20 rated value 	13.9 kVA
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• up to 500 V for current peak value n=30 rated value11.6 kVA• up to 690 V for current peak value n=30 rated value15.5 kVAshort-time withstand current in cold operating state up to 40 °C15.5 kVA• limited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum299 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum200 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum128 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum106 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at DC1 500 1/h• at AC-1 maximum1 000 1/h	 up to 230 V for current peak value n=30 rated value 	5.3 kVA
• up to 690 V for current peak value n=30 rated value15.5 kVAshort-time withstand current in cold operating state up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum • limited to 10 s switching at zero current maximum • limited to 30 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • limited to 60 s switching at zero current maximum • 106 A; Use minimum cross-section acc. to AC-1 rated value • 106 A; Use minimum cross-section acc. to AC-1 rated value • 106 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at DC1 500 1/h• at AC-1 maximum1 000 1/h	 up to 400 V for current peak value n=30 rated value 	9.3 kVA
short-time withstand current in cold operating state up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value 299 A; Use minimum cross-section acc. to AC-1 rated value 200 A; Use minimum cross-section acc. to AC-1 rated value 200 A; Use minimum cross-section acc. to AC-1 rated value 200 A; Use minimum cross-section acc. to AC-1 rated value 128 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated valueno-load switching frequency • at DC1 500 1/hoperating frequency • at AC-1 maximum1 000 1/h	 up to 500 V for current peak value n=30 rated value 	11.6 kVA
up to 40 °C• limited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 5 s switching at zero current maximum299 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum200 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum128 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum106 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching frequency1 500 1/h• at DC1 500 1/h• at AC-1 maximum1 000 1/h	• up to 690 V for current peak value n=30 rated value	15.5 kVA
 limited to 1 s switching at zero current maximum limited to 5 s switching at zero current maximum limited to 10 s switching at zero current maximum limited to 30 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching frequency at DC too 1/h 		
 limited to 5 s switching at zero current maximum limited to 10 s switching at zero current maximum limited to 30 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching frequency at DC operating frequency at AC-1 maximum limited to 10 s at 200 A; Use minimum cross-section acc. to AC-1 rated value limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching frequency at DC limited to 10 s 10 state limited to 10 s 10 state 		
 limited to 10 s switching at zero current maximum limited to 30 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum 128 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 1000 1/h 	-	
 limited to 30 s switching at zero current maximum limited to 60 s switching at zero current maximum 128 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 106 A; Use minimum cross-section acc. to AC-1 rated value 100 1/h 	-	
• limited to 60 s switching at zero current maximum 106 A; Use minimum cross-section acc. to AC-1 rated value no-load switching frequency • at DC • at DC 1 500 1/h operating frequency • at AC-1 maximum • at AC-1 maximum 1 000 1/h	-	
no-load switching frequency 1 500 1/h • at DC 1 500 1/h operating frequency 1 000 1/h	-	
• at DC 1 500 1/h operating frequency 1 000 1/h	 limited to 60 s switching at zero current maximum 	106 A; Use minimum cross-section acc. to AC-1 rated value
operating frequency 1 000 1/h	no-load switching frequency	
• at AC-1 maximum 1 000 1/h	● at DC	1 500 1/h
	operating frequency	
• at AC-2 maximum 750 1/h	● at AC-1 maximum	
	• at AC-2 maximum	750 1/h

• at AC-3 maximum	750 1/h
• at AC-3e maximum	750 1/h
• at AC-4 maximum	250 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage at DC	
rated value	24 V
operating range factor control supply voltage rated value of magnet coil at DC	
• initial value	0.8
full-scale value	1.1
design of the surge suppressor	with varistor
closing power of magnet coil at DC	5.9 W
holding power of magnet coil at DC	5.9 W
closing delay	5.5 W
• at DC	50 170 ms
opening delay	
• at DC	15 17.5 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
instantaneous contact	
number of NO contacts for auxiliary contacts instantaneous contact	1
operational current at AC-12 maximum	10 A
operational current at AC-15	
 at 230 V rated value 	6 A
• at 400 V rated value	3 A
• at 500 V rated value	2 A
 at 690 V rated value 	1 A
operational current at DC-12	
 at 24 V rated value 	10 A
 at 48 V rated value 	6 A
 at 60 V rated value 	6 A
 at 110 V rated value 	3 A
 at 125 V rated value 	2 A
 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	6 A
• at 48 V rated value	2 A
• at 60 V rated value	2 A
• at 110 V rated value	1 A
• at 125 V rated value	0.9 A
• at 220 V rated value	0.3 A
• at 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	21 A
at 600 V rated value	22 A
yielded mechanical performance [hp]	
 for single-phase AC motor 	
— at 110/120 V rated value	2 hp
— at 230 V rated value	3 hp
 for 3-phase AC motor 	
— at 200/208 V rated value	5 hp
— at 220/230 V rated value	7.5 hp
— at 460/480 V rated value	15 hp

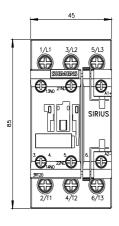
— at 575/600 V rated value	20 hp			
contact rating of auxiliary contacts according to UL	20 np A600 / P600			
Short-circuit protection				
design of the fuse link				
for short-circuit protection of the main circuit				
	gG: 100 A (690 V, 100 kA), aM: 50 A (690 V, 100 kA), BS88: 100 A (415			
— with type of coordination 1 required	gg. 100 A (690 V, 100 KA), awi. 50 A (690 V, 100 KA), 6566. 100 A (415 V, 80 kA)			
- with type of assignment 2 required	gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V,			
	80kA)			
 for short-circuit protection of the auxiliary switch 	gG: 10 A (500 V, 1 kA)			
required				
Installation/ mounting/ dimensions				
mounting position	standing, on horizontal mounting surface			
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail			
 side-by-side mounting 	according to DIN EN 60715 Yes			
height	85 mm			
width	45 mm			
	107 mm			
depth required spacing				
with side-by-side mounting forwards	10 mm			
— forwards	10 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	0 mm			
for grounded parts	40			
— forwards	10 mm			
— upwards	10 mm			
— at the side	6 mm			
— downwards	10 mm			
for live parts				
— forwards	10 mm			
— upwards	10 mm			
— downwards	10 mm			
— at the side	6 mm			
Connections/ Terminals				
type of electrical connection				
 for main current circuit 	screw-type terminals			
 for auxiliary and control circuit 	screw-type terminals			
 at contactor for auxiliary contacts 	Screw-type terminals			
of magnet coil	Screw-type terminals			
type of connectable conductor cross-sections				
 for main contacts 				
— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)			
— solid or stranded	2x (1 2.5 mm²), 2x (2.5 10 mm²)			
 finely stranded with core end processing 	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²			
 at AWG cables for main contacts 	2x (16 12), 2x (14 8)			
connectable conductor cross-section for main contacts				
• solid	1 10 mm²			
stranded	1 10 mm²			
 finely stranded with core end processing 	1 10 mm²			
connectable conductor cross-section for auxiliary contacts				
 solid or stranded 	0.5 2.5 mm ²			
 finely stranded with core end processing 	0.5 2.5 mm ²			
type of connectable conductor cross-sections				
 for auxiliary contacts 				
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)			
 finely stranded with core end processing 	2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)			
 at AWG cables for auxiliary contacts 	2x (20 16), 2x (18 14)			

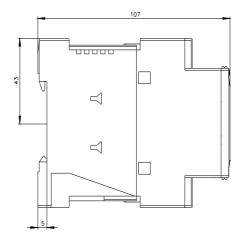
AWG number as c section • for main conta	oded connectable cond	uctor cross	16 8				
 for auxiliary c 	ontacts		20 14				
Safety related data				_			
	t according to IEC 60947- en operation according to		Yes No				
5-1							
	demand rate according t	o SN 31920	450 000				
proportion of dang		21020	40.9/				
	 with low demand rate according to SN 31920 with high demand rate according to SN 31920 		40 % 73 %				
	h low demand rate accord		100 FIT				
IEC 61508	est interval or service life		20 у				
protection class IF 60529	on the front according	to IEC	IP20				
	on the front according to	DIEC 60529	finger-safe, for v	ertical conta	act from the front		
 safety-related 	switching on		Yes				
 safety-related 	-		Yes				
Certificates/ approv	als						
SP.	<u>Confirmation</u>				KC	EHC	
EMC	Functional Safety/Safety of Machinery	Declaration o	of Conformity		Test Certificates		
RCM	<u>Type Examination</u> <u>Certificate</u>	CE EG-Konf.	U	K A	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	
Marine / Shipping							
ABS	BUREAU VERITAS			wds yster rs	RINA	RMRS	
other		Dangerous G	Good				
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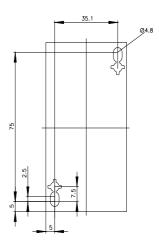
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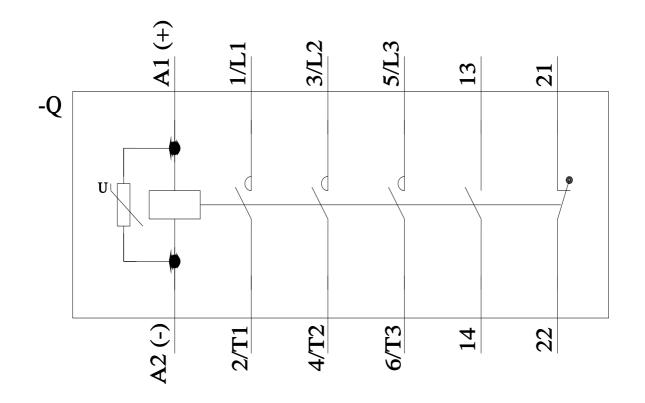
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