SIEMENS

Data sheet 3RT2015-2UB41



power contactor, AC-3e/AC-3, 7 A, 3 kW / 400 V, 3-pole, 24 V DC, with integrated varistor, auxiliary contacts: 1 NO, spring-loaded terminal, size: S00 $\,$

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S00
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 	0.6 W
 at AC in hot operating state per pole 	0.2 W
without load current share typical	4 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 protective separation between coil and main contacts according to EN 60947-1	400 V
shock resistance at rectangular impulse	
• at DC	6,7g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at DC	10,5g / 5 ms, 6,6g / 10 ms
mechanical service life (operating cycles)	
of contactor typical	30 000 000
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	18 A
value	
• at AC-1	
 — up to 690 V at ambient temperature 40 °C rated value 	18 A
— up to 690 V at ambient temperature 60 $^{\circ}\text{C}$ rated value	16 A
• at AC-3	
— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
• at AC-3e	
— at 400 V rated value	7 A
— at 500 V rated value	6 A
— at 690 V rated value	4.9 A
• at AC-4 at 400 V rated value	6.5 A
• at AC-5a up to 690 V rated value	15.8 A
 at AC-5b up to 400 V rated value 	5.8 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	4 A
— up to 400 V for current peak value n=20 rated value	4 A
— up to 500 V for current peak value n=20 rated value	3.8 A
— up to 690 V for current peak value n=20 rated value	3.6 A
• at AC-6a	
 up to 230 V for current peak value n=30 rated value 	2.7 A
 up to 400 V for current peak value n=30 rated value 	2.7 A
 up to 500 V for current peak value n=30 rated value 	2.5 A
— up to 690 V for current peak value n=30 rated value	2.4 A
minimum cross-section in main circuit at maximum AC-1 rated value	2.5 mm ²
operational current for approx. 200000 operating cycles at	
AC-4	
• at 400 V rated value	2.6 A
• at 400 V rated value • at 690 V rated value	2.6 A 1.8 A
AC-4 at 400 V rated value at 690 V rated value operational current	
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1	1.8 A
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value	1.8 A 15 A
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value	1.8 A 15 A 15 A
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value	1.8 A 15 A 15 A 1.5 A
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A
• at 400 V rated value • at 690 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A
AC-4 • at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 2 current paths in series at DC-1	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A
AC-4 • at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 600 V rated value — at 42 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A
AC-4 • at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 60 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A
AC-4 • at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 110 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 18 A
AC-4 • at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 15 A 15 A
AC-4 • at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 220 V rated value — at 440 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 15 A 16 A 17 A 18 A 18 A 19 A 10 A 10 A 11 A
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value • at 60 V rated value — at 24 V rated value — at 25 V rated value — at 440 V rated value — at 600 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 15 A 15 A
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 60 V rated value — at 440 V rated value — at 440 V rated value — at 440 V rated value — at 400 V rated value — at 600 V rated value	1.8 A 15 A 1.5 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 15 A 15 A 0.6 A 0.7 A 1.8 A
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 440 V rated value — at 60 V rated value — at 60 V rated value — at 60 V rated value — at 600 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 600 V rated value • with 3 current paths in series at DC-1 — at 24 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 15 A 15 A 1.5 A 1.5 A 1.5 A
AC-4 • at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 110 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 600 V rated value • with 3 current paths in series at DC-1 — at 24 V rated value • at 60 V rated value — at 60 V rated value — at 60 V rated value — at 60 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 1.5 A 1.5 A 1.5 A 1.5 A
at 400 V rated value at 690 V rated value operational current at 1 current path at DC-1 at 24 V rated value at 100 V rated value at 110 V rated value at 220 V rated value at 440 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 24 V rated value at 60 V rated value at 110 V rated value at 220 V rated value at 24 V rated value at 24 V rated value at 24 V rated value at 600 V rated value at 24 V rated value at 600 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 1.2 A 0.6 A 0.5 A
AC-4 • at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 110 V rated value — at 440 V rated value — at 220 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 600 V rated value — at 24 V rated value — at 24 V rated value — at 25 V rated value — at 26 V rated value — at 27 V rated value — at 28 V rated value — at 29 V rated value — at 20 V rated value — at 20 V rated value — at 20 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 1.2 A 0.6 A 0.5 A
AC-4 • at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 60 V rated value — at 110 V rated value — at 110 V rated value — at 440 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 600 V rated value — at 110 V rated value — at 22 V rated value — at 440 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 1.2 A 0.6 A 0.5 A 15 A 15 A 15 A 15 A
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 110 V rated value — at 440 V rated value — at 220 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 22 V rated value — at 22 V rated value — at 22 V rated value — at 440 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 440 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 1.2 A 0.6 A 0.5 A
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 600 V rated value — at 110 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 220 V rated value — at 24 V rated value — at 24 V rated value — at 600 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 8.4 A 1.2 A 0.6 A 0.5 A 15 A 15 A 15 A 16 A 17 A 18 A 18 A 19 A 10 A 1
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 110 V rated value — at 220 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 600 V rated value • with 3 current paths in series at DC-1 — at 24 V rated value — at 60 V rated value — at 440 V rated value — at 60 V rated value — at 110 V rated value — at 110 V rated value — at 110 V rated value — at 440 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 15 A 1.2 A 0.6 A 0.5 A 15 A
• at 400 V rated value • at 690 V rated value operational current • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 600 V rated value • with 2 current paths in series at DC-1 — at 24 V rated value — at 600 V rated value — at 110 V rated value — at 110 V rated value — at 220 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 220 V rated value — at 24 V rated value — at 24 V rated value — at 600 V rated value	1.8 A 15 A 15 A 1.5 A 0.6 A 0.42 A 0.42 A 15 A 15 A 8.4 A 1.2 A 0.6 A 0.5 A 15 A 15 A 15 A 16 A 17 A 18 A 18 A 19 A 10 A 1

— at 24 V rated value	15 A
— at 60 V rated value	3.5 A
— at 110 V rated value	0.25 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	15 A
— at 60 V rated value	15 A
— at 110 V rated value	15 A
— at 220 V rated value	1.2 A
— at 440 V rated value	0.14 A
— at 600 V rated value	0.14 A
operating power	
 at AC-2 at 400 V rated value 	3 kW
• at AC-3	
— at 230 V rated value	1.5 kW
— at 400 V rated value	3 kW
— at 500 V rated value	3 kW
— at 690 V rated value	4 kW
• at AC-3e	
— at 230 V rated value	1.5 kW
— at 400 V rated value	3 kW
— at 500 V rated value	3 kW
— at 690 V rated value	4 kW
operating power for approx. 200000 operating cycles at AC-	
at 400 V rated value	1.15 kW
at 690 V rated value at 690 V rated value	1.15 kW
operating apparent power at AC-6a	1. IJ NVV
up to 230 V for current peak value n=20 rated value	1.5 kVA
• up to 400 V for current peak value n=20 rated value	2.7 kVA
up to 500 V for current peak value n=20 rated value	3.3 kVA
• up to 690 V for current peak value n=20 rated value	4.3 kVA
operating apparent power at AC-6a	4.0 KV/I
up to 230 V for current peak value n=30 rated value	1 kVA
• up to 400 V for current peak value n=30 rated value	1.8 kVA
up to 500 V for current peak value n=30 rated value	2.2 kVA
up to 690 V for current peak value n=30 rated value	2.9 kVA
short-time withstand current in cold operating state up to	2.0 ((7)
40 °C	
 limited to 1 s switching at zero current maximum 	120 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	86 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	67 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	52 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 60 s switching at zero current maximum	43 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at DC	10 000 1/h
operating frequency	
• at AC-1 maximum	1 000 1/h
• 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	4 W
holding power of magnet coil at DC	4 W

number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum 10 A operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 690 V rated value • at 400 V rated value • at 400 V rated value • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 24 V rated value • at 125 V rated value • at 125 V rated value • at 125 V rated value • at 220 V rated value • at 24 V rated value • at 200 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 25 V rated value • at 600 V rated value • at 220 V rated value • at 24 V rated value • at 25 V rated value • at 27 V rated value • at 28 V rated value • at 29 V rated value • at 29 V rated value • at 20 V rated value • at 20 V rated value • at 20 V rated value • at 30 V rated value • at 30 V rated value • at 48 V rated value • at 50 V rated value • at 60 V rated value		
opening idealy 7 - 13 ms arcing time 10 - 15 ms control vanion of the switch operating mechanism 35 and and A1 - A2 walk principles 10 - 15 ms control vanion of the switch operating mechanism 25 and and A1 - A2 walk principles 4 control of No contacts for availancy contacts instantaneous control of AC - 15 and an an analysis of AC - 15 and AC - 15	closing delay	
* at DC	• at DC	30 100 ms
sincing time 5016 ms control version of the switch operating mechanism Sundand A1 - A2 control version of NO contacts for auxiliary contacts instantaneous contact 1 control of NO contacts for auxiliary contacts instantaneous contact 1 contact contact 4 operational current at AC-15	opening delay	
Control version of the switch operating mechanism Standard A1 - A2 Worldins y circuit 1 number of NO contacts for auxiliary contacts instantaneous context 10 A operational current at AC-15 41 20 Y rated value a 4 80 V rated value 10 A a 4 80 O' rated value 10 A a 4 80 O' rated value 10 A a 4 80 V rated value 10 A a 4 80 V rated value 10 A a 4 80 V rated value 6 A a 4 80 V rated value 6 A a 1 10 V rated value 10 A a 1 12 V rated value 10 A a 1 12 V rated value 10 A a 1 20 V rated value 10 A a 1 22 V rated value 10 A a 1 22 V rated value 10 A a 1 22 V rated value 10 A a 1 24 V rated value 10 A a 1 24 V rated value 2 A a 1 12 V rated value 10 A a 1 10 V rated value 10 A a 1 20 V rated value 10 A a 1 20 V rated value 10 A a 1 20 V rated value <td>• at DC</td> <td>7 13 ms</td>	• at DC	7 13 ms
Abadilary circuit contact cont	arcing time	10 15 ms
	control version of the switch operating mechanism	Standard A1 - A2
Contact	Auxiliary circuit	
Operational current at AC-15	number of NO contacts for auxiliary contacts instantaneous	1
	contact	
### 230 V rated value	operational current at AC-12 maximum	10 A
	operational current at AC-15	
• at 500 V rated value	at 230 V rated value	10 A
* at 890 V rated value 10 A 20	at 400 V rated value	3 A
a 2 4 rated value	at 500 V rated value	2 A
• al 24 V rated value	at 690 V rated value	1 A
• at 48 V rated value	operational current at DC-12	
• at 160 V rated value	at 24 V rated value	10 A
	• at 48 V rated value	6 A
• at 125 V rated value	• at 60 V rated value	6 A
	• at 110 V rated value	3 A
• at 600 V rated value	• at 125 V rated value	2 A
0	at 220 V rated value	1 A
	at 600 V rated value	0.15 A
• at 48 V rated value	operational current at DC-13	
• at 60 V rated value	at 24 V rated value	10 A
at 110 V rated value at 125 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 260 OV rated value but 200 V rated value at 260 V rated value at 260 V rated value at 800 V rated value but 800 V rated value at 800 V rated value at 800 V rated value but 800 V rated value at 800 V rated value but 800 V rated value at 800 V rated value but 800 V rated v	at 48 V rated value	2 A
at 125 V rated value at 220 V rated value at 220 V rated value 0.3 A at 220 V rated value 0.1 A contact reliability of auxiliary contacts I faulty switching per 100 million (17 V, 1 mA) UJCSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value 4.8 A at 600 V rated value bifor 3-phase AC motor at 125 V rated value at 230 V rated value bifor 3-phase AC motor at 230 V rated value bifor 3-phase AC motor at 230 V rated value bifor 3-phase AC motor at 230 V rated value bifor 3-phase AC motor at 230 V rated value bifor 3-phase AC motor at 230 V rated value bifor 3-phase AC motor at 230 V rated value bifor 3-phase AC motor at 250/208 V rated value bifor 3-phase AC motor bifor 3-phase AC	at 60 V rated value	2 A
at 220 V rated value at 600 V rated value 1 faulty switching per 100 million (17 V, 1 mA) UL/CSA ratings full-load current (FLA) for 3-phase AC motor at 480 V rated value 4.8 A at 600 V rated value 4.8 A at 600 V rated value 9 teldod mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value 9 to for 3-phase AC motor — at 200/208 V rated value 9 to for 3-phase AC motor — at 200/208 V rated value 1.5 hp — at 220/230 V rated value 9 to for 3-phase AC motor — at 480 V rated value 9 to for 3-phase AC motor — at 200/208 V rated value 9 to for 3-phase AC motor — at 200/208 V rated value 9 to for 3-phase AC motor — at 480/480 V rated value 9 to for 3-phase AC motor — at 200/208 V rated value 9 to for 3-phase AC motor At 600/208 V rated value 9 to for short-circuit protection of the main circuit — with type of coordination 1 required 9 for short-circuit protection of the main circuit — with type of assignment 2 required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for short-circuit protection of the auxiliary switch required 9 for	at 110 V rated value	1 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 Value value ● at 480 V rated value 4.8 A ● at 600 V rated value 6.1 A ● for single-phase AC motor — at 110/120 V rated value — at 230 V rated value 0.25 hp — at 230 V rated value 0.75 hp • for 3-phase AC motor — at 220/230 V rated value — at 220/230 V rated value 2 hp — at 460/480 V rated value 3 hp — at 457/5/600 V rated value 5 hp — at 57/5/600 V rated value 5 hp contact rating of auxiliary contacts according to UL 800 / Q600 Short-circuit protection 400 / Q600 design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required gG: 35A (690V,100KA), aM: 20A (690V,100KA), BS88: 35A (415V,80KA) • for short-circuit protection of the auxiliary switch required gG: 20A (690V,100KA), aM: 16A (690V, 100KA), BS88: 20A (415V,80KA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) • for short-cir	at 125 V rated value	0.9 A
contact reliability of auxiliary contacts ### Jaulity switching per 100 million (17 V, 1 mA) ### DULICSA ratings ### Full-load current (FLA) for 3-phase AC motor ### at 480 V rated value ### at 600 V rated value ### at 600 V rated value ### at 600 V rated value ### at 110/120 V rated value ### at 230 V rated value ### at 220/230 V rated value ### at 220/230 V rated value ### at 576/600 V rated valu	• at 220 V rated value	0.3 A
full-load current (FLA) for 3-phase AC motor at 480 V rated value at 600 V rated value for single-phase AC motor - at 110/120 V rated value for 3-phase AC motor - at 230 V rated value of 3-phase AC motor - at 200/208 V rated value if or 3-phase AC motor - at 200/208 V rated value of 3-phase AC motor - at 200/208 V rated value of 3-phase AC motor - at 200/208 V rated value of 3-phase AC motor - at 200/208 V rated value of 3-phase AC motor - at 200/208 V rated value of 3-phase AC motor - at 200/208 V rated value of 3-phase AC motor - at 200/208 V rated value of 3-phase AC motor - at 200/208 V rated value of 5-phase AC motor - at 200/208 V rated value of 5-phase AC motor - at 200/208 V rated value of 6-15 hp contact rating of auxiliary contacts according to UL A600 / Q600 Short-circuit protection design of the fuse link of for short-circuit protection of the main circuit - with type of coordination 1 required with type of assignment 2 required of 35A (690V,100KA), aM: 20A (690V,100KA), BS88: 35A (415V,80KA) gG: 20A (690V,100KA), aM: 16A (690V, 100KA), BS88: 20A (415V,80KA) of or short-circuit protection of the auxiliary switch required of stallation/ mounting dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes side-by-side mounting vidth of the minute of the mounting of the minute of the mounting to the mounting	• at 600 V rated value	0.1 A
### state of the substitution of the main circuit ### of short-circuit protection of the main circuit ### with type of coordination 1 required ### with type of assignment 2 required ### of or short-circuit protection of the auxiliary switch required ### of or short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
### state of the substitution of the main circuit ### of short-circuit protection of the main circuit ### with type of coordination 1 required ### with type of assignment 2 required ### of or short-circuit protection of the auxiliary switch required ### of or short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of short-circuit protection of the auxiliary switch required ### of	UL/CSA ratings	
at 480 V rated value at 600 V rated value 6.1 A yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 0.25 hp — at 230 V rated value 0.75 hp • for 3-phase AC motor — at 220/228 V rated value 1.5 hp — at 220/230 V rated value 2 hp — at 460/480 V rated value 2 hp — at 460/480 V rated value 3 hp — at 575/600 V rated value 5 hp contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required 9G: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) • for short-circuit protection of the auxiliary switch required 9G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V,80kA) • for short-circuit protection of the auxiliary switch required mounting / dimensions mounting position 4-/180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface side-by-side mounting method • side-by-side mounting width 45 mm depth 73 mm	full-load current (FLA) for 3-phase AC motor	
yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 4575/600 V rated value — at 575/600 V rated value — b height • for short-circuit protection design of the fuse link — with type of coordination 1 required — with type of assignment 2 required 9G: 20A (690V,100KA), aM: 20A (690V,100KA), BS88: 35A (415V,80KA) 9 for short-circuit protection of the auxiliary switch required 9G: 20A (690V,100KA), aM: 16A (690V, 100KA), BS88: 20A (415V,80KA) 9 for short-circuit protection of the auxiliary switch required 9G: 10 A (500 V, 1 KA) mounting position #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by #/- 22.5° on vertical mounting surface; can be tilted forward and backward by #/- 22.5° on vertical mounting surface; can be tilted forward and backward by #/- 22.5° on vertical mounting surface; can be tilted forward and backward by #/- 22.5° on vertical mounting surface; can be tilted forward and backward by #/- 22.5° on vertical mounting surface; can be tilted forward and backward by #/- 22.5° on vertical mounting surface; can be tilted forward and backward by #/- 22.5° on vertical mounting surface; can be tilted forward and backward by #/- 22.5° on vertical mounting surface; can be tilted forward and backward by #/- 22.5° on vertical mounting surface; can be tilted forward and backward by #/- 22.5° on vertical mounting surface; can be tilted forward and backward by #/- 25.5° on vertical mounting surface; can be tilted forward and backward by #/- 25.5° on vertical mounting surface; can be tilted forward and backward by #/- 25.5° on vertical mounting surface; can be tilted forward and backward by #/- 25.5° on vertical mounting surface; can be tilted forward and backward by #/- 25.5° on vertical mounting surface; can be tilted forward and backward by #/-		4.8 A
• for single-phase AC motor — at 110/120 V rated value — at 230 V rated value — of 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 695/600 V rated value Gesign of the fuse link • for short-circuit protection design of the fuse link — with type of coordination 1 required — with type of assignment 2 required gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 yes height width 45 mm depth	at 600 V rated value	6.1 A
• for single-phase AC motor — at 110/120 V rated value — at 230 V rated value — of 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 460/480 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 575/600 V rated value — at 695/600 V rated value Gesign of the fuse link • for short-circuit protection design of the fuse link — with type of coordination 1 required — with type of assignment 2 required gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface; can be tilted forward and backward by +/-22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 yes height width 45 mm depth	yielded mechanical performance [hp]	
- at 110/120 V rated value 0.25 hp 0.75 hp 0.7		
- at 230 V rated value • for 3-phase AC motor - at 200/208 V rated value - at 220/230 V rated value - at 240/480 V rated value - at 460/480 V rated value - at 575/600 V rated value Contact rating of auxiliary contacts according to UL 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 - 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 - 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 - 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 - for short-circuit protection of the auxiliary switch required - for short-circuit protection of the auxiliary switch required - for short-circuit protection of the main circuit - with type of coordination 1 required - gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - gG: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - gG: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) - gG: 20A (690V,100kA), aM: 20A (690V,100kA), aM: 20A (690V,100kA), aM: 20A (0.25 hp
• for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value — at 460/480 V rated value — at 575/600 V rated value Contact rating of auxiliary contacts according to UL 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 9G: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) — with type of assignment 2 required 9G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting width 45 mm depth 70 mm		
- at 200/208 V rated value - at 220/230 V rated value - at 460/480 V rated value - at 460/480 V rated value - at 575/600 V rated value Contact rating of auxiliary contacts according to UL 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 - 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 - 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 - 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 - for short-circuit protection of the auxiliary switch required - for short-circuit protection of the short-circuit p		
- at 220/230 V rated value - at 460/480 V rated value - at 575/600 V rated value 5 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 9G: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) • for short-circuit protection of the auxiliary switch required 9G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method • side-by-side mounting **res** height 70 mm width depth 73 mm	•	1.5 hp
- at 460/480 V rated value 5 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: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) • with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position		·
- at 575/600 V rated value 5 hp contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required gG: 35A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) — with type of assignment 2 required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position		
contact rating of auxiliary contacts according to UL Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 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 • 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 • 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 • 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 • 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 • 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 protectio		
design of the fuse link		·
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 of or short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method • side-by-side mounting • side-by-side mounting #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 20.5° on vertical mounting surface #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 20.5° on vertical mounting surface #/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 20.5° on vertical mounting surface; #/-180° rotation possible on vertical		
• 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 Installation/ mounting/ dimensions ## or vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface ## side-by-side mounting ## or width ## or otation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface ## or width ## or otation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface ## or width ## or main in the protection of the main circuit ## of sold (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) ## of sold (690V,100kA), aM: 16A (690V,100kA), BS88: 20A (415V,80kA) ## of sold (690V,100kA), aM: 20A (690V,100kA), aM		
- with type of coordination 1 required - with type of assignment 2 required - with type of assignment 2 required - for short-circuit protection of the auxiliary switch required G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) G: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 35A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 20A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 20A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100kA), BS88: 20A (415V,80kA) G: 20A (690V,100kA), aM: 20A (690V,100	-	
— with type of assignment 2 required of or short-circuit protection of the auxiliary switch required of or short-circuit protection of the auxiliary switch required gG: 20A (690V,100kA), aM: 16A (690V, 100kA), BS88: 20A (415V, 80kA) gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions ### width ### width ### ### ### ### ### ### ### ### ### ##	•	αG: 35Δ (690V 100kΔ), aM: 20Δ (600V 100kΔ), RS88: 35Δ (415V 80kΔ)
● for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method • side-by-side mounting Yes height 70 mm width 45 mm depth 73 mm	*	
mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method		
mounting position +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface fastening method • side-by-side mounting Yes height 70 mm width 45 mm depth 73 mm	<u> </u>	90. 10 A (000 V, 1 M)
backward by +/- 22.5° on vertical mounting surface fastening method		1/100° rotation possible on vertical recording surface and be titled for
• side-by-side mounting height 70 mm width 45 mm depth 73 mm		backward by +/- 22.5° on vertical mounting surface
height 70 mm width 45 mm depth 73 mm	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
width 45 mm depth 73 mm	side-by-side mounting	Yes
depth 73 mm	height	70 mm
	width	45 mm
required spacing	depth	73 mm
	required spacing	

- with side by side requesting	
with side-by-side mountingforwards	10 mm
— upwards	10 mm
— upwarus — downwards	10 mm
— at the side	0 mm
for grounded parts	Ollilli
— 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	spring-loaded terminals
 for auxiliary and control circuit 	spring-loaded terminals
 at contactor for auxiliary contacts 	Spring-type terminals
of magnet coil	Spring-type terminals
type of connectable conductor cross-sections for main contacts	
• solid	2x (0.5 4 mm²)
 solid or stranded 	2x (0,5 4 mm²)
 finely stranded with core end processing 	2x (0.5 2.5 mm²)
finely stranded without core end processing	2x (0.5 2.5 mm²)
connectable conductor cross-section for main contacts	
• solid	0.5 4 mm²
stranded finally stranded with core and presenting	0.5 4 mm²
finely stranded without core and processing finely stranded without core and processing	0.5 2.5 mm²
finely stranded without core end processing connectable conductor cross-section for auxiliary contacts	0.5 2.5 mm²
solid or stranded	0.5 4 mm²
finely stranded with core end processing	0.5 4 mm²
finely stranded without core end processing finely stranded without core end processing	0.5 2.5 mm²
type of connectable conductor cross-sections	0.0 2.0 Hilli
for auxiliary contacts	
— solid or stranded	2x (0,5 4 mm²)
 finely stranded with core end processing 	2x (0.5 2.5 mm²)
finely stranded without core end processing	2x (0.5 2.5 mm²)
• for AWG cables for auxiliary contacts	2x (20 12)
AWG number as coded connectable conductor cross section	
• for main contacts	20 12
for auxiliary contacts	20 12
Safety related data	
product function	
mirror contact according to IEC 60947-4-1	No
suitability for use safety-related switching OFF	Yes
B10 value with high demand rate according to SN 31920	1 000 000
proportion of dangerous failures	40.97
with low demand rate according to SN 31920 with high demand rate according to SN 31920	40 % 73 %
with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920	100 FIT
T1 value for proof test interval or service life according to SN 31920 61508	20 a
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
Certificates/ approvals	
General Product Approval	





Confirmation





Functional EMC Safety/Safety of Ma-**Declaration of Conformity Test Certificates** chinery



Type Examination Cer**tificate**





Type Test Certificates/Test Report

<u>KC</u>

Special Test Certific-<u>ate</u>

Marine / Shipping













Marine / Shipping

other

Railway

Dangerous Good

Environment

Confirmation



Vibration and Shock

Transport Information

Environmental Con**firmations**

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2015-2UB41

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2015-2UB41

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

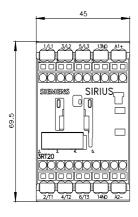
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2015-2UB41&lang=en

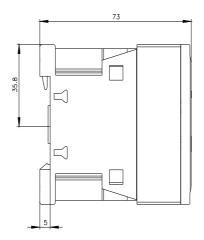
Characteristic: Tripping characteristics, I2t, Let-through current

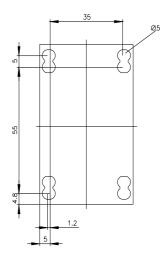
https://support.industry.siemens.com/cs/ww/en/ps/3RT2015-2UB41/char

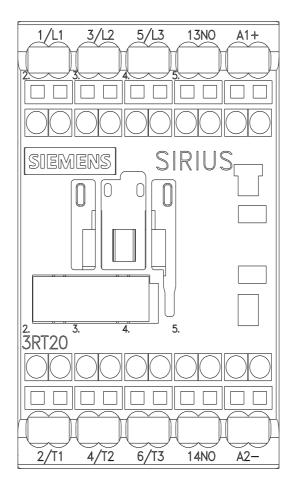
Further characteristics (e.g. electrical endurance, switching frequency)

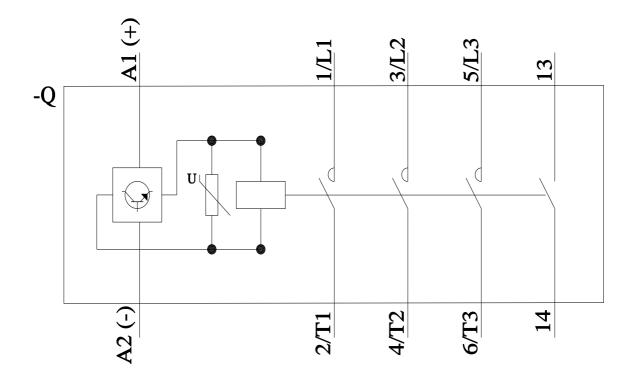
3RT2015-2UB41&objecttype=14&gridview=view1











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