SIEMENS

Data sheet 3RT2026-2EK60



power contactor, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 110 V AC, 50 Hz / 120 V, 60 Hz, with plugged-in RC element, auxiliary contacts: 1 NO + 1 NC, spring-loaded terminal, size: S0

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S0
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	10.5 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 AC	8,3g / 5 ms, 5,3g / 10 ms
shock resistance with sine pulse	
• at AC	13,5g / 5 ms, 8,3g / 10 ms
mechanical service life (operating cycles)	
of contactor typical	10 000 000
 of the contactor with added electronically optimized auxiliary switch block typical 	5 000 000
 of the contactor with added auxiliary switch block typical 	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	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 	40 A
value	
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated	40 A
value	25 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	20.7 A
	20.2.4
— 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	10 mm²
operational current for approx. 200000 operating 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 60 V rated value	20 A
— at 110 V rated value	4.5 A
— at 220 V rated value	1 A
— 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	0.2071
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	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 ot 24 V reted value.	25 A
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 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		
	— at 24 V rated value	20 A
with 2 current paths in series at DC-3 at DC-5	— at 440 V rated value	0.09 A
	— at 600 V rated value	0.06 A
	 with 2 current paths in series at DC-3 at DC-5 	
	— at 24 V rated value	35 A
	— at 60 V rated value	35 A
	— at 110 V rated value	15 A
with 3 current paths in series at DC-3 at DC-5	— at 220 V rated value	3 A
- with 3 current paths in series at DC-3 at DC-5 - at 24 V rated value - at 10 V rated value - at 20 V rated value - at 20 V rated value - at 20 V rated value - at 40 V rated value - at 40 V rated value - at 600 V rated value - at 600 V rated value - at 400 V rated value - at 500 V rated value - at 400 V rated value - at 600 V rated value -	— 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 	
	— at 24 V rated value	35 A
	— at 60 V rated value	35 A
	— at 110 V rated value	35 A
at AC-2 at 400 V rated value	— at 220 V rated value	10 A
Operating power at AC-2 at 400 V rated value 5.5 kW	— at 440 V rated value	0.6 A
• at AC-2 at 400 V rated value • at AC-3 — 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 500 V rated value — at 600 V rated value • at 400 V rated value • at 600 V rated value • at 600 V rated value • at 600 V rated value • up to 200 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 500 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value •	— at 600 V rated value	0.6 A
- at 230 V rated value	operating power	
at 230 V rated value at 400 V rated value at 500 V rated value at 690 V ror current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current	• at AC-2 at 400 V rated value	11 kW
	• at AC-3	
at 500 V rated value at 690 V rated value at 690 V rated value at 690 V rated value at 400 V rated value at 400 V rated value at 500 V rated value at 690 V rocurent peak value n-20 rated value at 690 V rocurent peak value n-20 rated value at 690 V rocurent peak value n-20 rated value at 690 V rocurent peak value n-20 rated value at 690 V rocurent peak value n-20 rated value at 690 V rocurent peak value n-20 rated value at 690 V rocurent peak value n-30 rated value -	— at 230 V rated value	5.5 kW
■ at AC-3e ■ at AC-3e ■ at AC-3e ■ at 400 V rated value ■ at 400 V rated value ■ at 400 V rated value ■ at 500 V rated value ■ at 500 V rated value ■ 11 kW operating power for approx. 200000 operating cycles at AC-4 at 400 V rated value ● at 690 V rated value ● at 690 V rated value operating power for approx. 200000 operating cycles at AC-4 at 400 V rated value ● at 690 V rated value operating apparent power at AC-6a ■ up to 230 V for current peak value n=20 rated value ■ up to 400 V for current peak value n=20 rated value ■ up to 500 V for current peak value n=20 rated value ■ up to 500 V for current peak value n=20 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ up to 500 V for current peak value n=30 rated value ■ 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 ■ limited to 10 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 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 ■ lim	— at 400 V rated value	11 kW
at AC-3e — at 230 V rated value — at 600 V rated value — at 690 V rated value — at 690 V rated value	— at 500 V rated value	11 kW
- at 230 V rated value	— at 690 V rated value	11 kW
- at 400 V rated value	• at AC-3e	
- at 590 V rated value - at 690 V rated value 0 operating power for approx. 200000 operating cycles at AC-4 * at 400 V rated value * at 690 V rated value * at 690 V rated value * operating apparent power at AC-6a * up to 230 V for current peak value n=20 rated value * up to 400 V for current peak value n=20 rated value * up to 500 V for current peak value n=20 rated value * up to 500 V for current peak value n=20 rated value * up to 500 V for current peak value n=20 rated value * up to 230 V for current peak value n=20 rated value * up to 230 V for current peak value n=30 rated value * up to 500 V for current peak value n=30 rated value * up to 500 V for current peak value n=30 rated value * up to 500 V for current peak value n=30 rated value * up to 690 V for current peak value n=30 rated value * up to 690 V for current peak value n=30 rated value * up to 690 V for current peak value n=30 rated value * limited to 1 s switching at zero current maximum * limited to 5 s switching at zero current maximum * limited to 50 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 * 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 curr	— at 230 V rated value	5.5 kW
- at 690 V rated value operating power for approx. 200000 operating cycles at AC-4 * at 400 V rated value • at 690 V rated value • at 690 V rated value operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 230 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value 11.6 kVA 15.5 kVA 15.5 kVA 17.6 kVA 17.6 kVA 18.6 kVA 19.7 kVA 19.8 kVA	— at 400 V rated value	11 kW
operating power for approx. 200000 operating cycles at AC-4 at 400 V rated value at 690 V rated value vp to 230 V for current peak value n=20 rated value up to 400 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value up to 690 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value limited to 1 s switching at zero current maximum limited to 1 s switching at zero current maximum limited to 30 s switching at zero current maximum limited to 30 s switching at zero current maximum limited to 60 s switching at zero current maximum at AC-3 maximum at AC-2 maximum at AC-3 maximum at AC-3 maximum at AC-3 maximum at AC-4 maximum at AC-4 maximum	— at 500 V rated value	11 kW
at 400 V rated value at 690 V rated value operating apparent power at AC-6a up to 230 V for current peak value n=20 rated value up to 400 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value operating apparent power at AC-6a up to 230 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value ilimited to 1 s switching at zero current maximum ilimited to 5 s switching at zero current maximum ilimited to 5 s switching at zero current maximum ilimited to 3 s switching at zero current maximum ilimited to 60 s switching at zero current maximum ilimited to 60 s switching at zero current maximum at AC-3 maximum at AC-3 maximum at AC-3 maximum at AC-3 maximum at AC-4 maximum	— at 690 V rated value	11 kW
at 400 V rated value at 690 V rated value operating apparent power at AC-6a up to 230 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value operating apparent power at AC-6a up to 230 V for current peak value n=30 rated value operating apparent power at AC-6a up to 500 V for current peak value n=30 rated value op to 400 V for current peak value n=30 rated value op to 500 V for current peak value n=30 rated value op to 690 V for current p	operating power for approx. 200000 operating cycles at AC-	
• at 690 V rated value operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value operating apparent power at AC-6a • up to 230 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • limited to 1 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 5 s switching at zero current maximum • limited to 30 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 frequency • at AC operating frequency • at AC fo 00 1/h operating frequency • at AC-3 maximum • at AC-4 maximum	4	
operating apparent power at AC-6a • up to 230 V for current peak value n=20 rated value • up to 400 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value operating apparent power at AC-6a • up to 230 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • 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 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 no-load switching frequency • at AC operating frequency • at AC-2 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum • at AC-3 maximum • at AC-4 maximum	at 400 V rated value	4.4 kW
up to 230 V for current peak value n=20 rated value up to 400 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value 17.4 kVA up to 690 V for current peak value n=30 rated value up to 230 V for current peak value n=30 rated value up to 400 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value short-time withstand current in cold operating state up to 40 °C 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 10 s switching at zero current maximum limited to 60 s switching at zero current maximum limited to 60 s switching at zero current maximum alimited to 60 s switching at zero current maximum rimited to 60 s switching at zero current maximum alimited to 60 s switching at zero current maximum alimited to 60 s switching at zero current maximum alimited to 60 s switching at zero current maximum alimited to 60 s switching at zero current maximum alimited to 60 s switching at zero current maximum alimited to 60 s switching at zero current maximum alimited to 60 s switching at zero current maximum alimited to 60 s switching at zero current maximum at AC-2 maximum at AC-3 maximum at AC-3 maximum at AC-3 maximum at AC-3 maximum at AC-4 maximum	at 690 V rated value	7.7 kW
up to 400 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value up to 690 V for current peak value n=20 rated value 15.4 kVA operating apparent power at AC-6a up to 230 V for current peak value n=30 rated value up to 400 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value 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 limited to 1 s switching at zero current maximum limited to 1 s switching at zero current maximum limited to 10 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 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value 118 A; Use minimum cross-section acc. to AC-1 rated value		
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operating apparent power at AC-6a • up to 230 V for current peak value n=30 rated value • up to 400 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value short-time withstand current in cold operating state up to 40 °C • 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 118 A; Use minimum cross-section acc. to AC-1 rated value • limited to 60 s switching at zero current maximum 118 A; Use minimum cross-section acc. to AC-1 rated value no-load switching frequency • at AC 5 000 1/h operating frequency • at AC-1 maximum • at AC-2 maximum • at AC-3 maximum • at AC-3 maximum • at AC-3 maximum • at AC-4 maximum 750 1/h • at AC-4 maximum • at AC-4 maximum 250 1/h	 up to 500 V for current peak value n=20 rated value 	17.4 kVA
up to 230 V for current peak value n=30 rated value up to 400 V for current peak value n=30 rated value up to 500 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value up to 690 V for current peak value n=30 rated value short-time withstand current in cold operating state up to 40 °C ilmited to 1 s switching at zero current maximum ilmited to 5 s switching at zero current maximum ilmited to 10 s switching at zero current maximum ilmited to 30 s switching at zero current maximum ilmited to 30 s switching at zero current maximum ilmited to 60 s swi	• up to 690 V for current peak value n=20 rated value	15.4 kVA
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• up to 690 V for current peak value n=30 rated value short-time withstand current in cold operating state up to 40 °C • 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 30 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 118 A; Use minimum cross-section acc. to AC-1 rated value	• 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 °C Ilimited to 1 s switching at zero current maximum Ilimited to 5 s switching at zero current maximum Ilimited to 10 s switching at zero current maximum Ilimited to 10 s switching at zero current maximum Ilimited to 30 s switching at zero current maximum Ilimited to 30 s switching at zero current maximum Ilimited to 60 s switching at zero current maximum Ilimited to 60 s switching at zero current maximum Ilimited to 60 s switching at zero current maximum Ilimited to 60 s switching frequency Ino-load switching frequency Ino-load switching frequency Inoload switching at zero current maximum Inoload switching frequency Inoload switching at zero current maximum Inoload switching at zero cu	• up to 500 V for current peak value n=30 rated value	11.6 kVA
Ilimited to 1 s switching at zero current maximum Ilimited to 5 s switching at zero current maximum Ilimited to 10 s switching at zero current maximum Ilimited to 10 s switching at zero current maximum Ilimited to 30 s switching at zero current maximum Ilimited to 30 s switching at zero current maximum Ilimited to 60 s switching at zero current maximum Ilimited to 60 s switching at zero current maximum Ilimited to 60 s switching at zero current maximum Ilimited to 60 s switching frequency at AC Inaximum Ilimited to 60 s switching frequency at AC-1 maximum Ilimited to 60 s switching frequency at AC-1 maximum Ilimited to 60 s switching frequency at AC-1 maximum Ilimited to 60 s switching at zero current maximum Ilimited to 60 s switching at zero c	• 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 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 no-load switching frequency at AC at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3 maximum at AC-3 maximum at AC-4 maximum at AC-4 maximum at AC-4 maximum 250 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 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 no-load switching frequency at AC operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3 e maximum at AC-4 maximum 		075 A. H
 Ilmited to 10 s switching at zero current maximum Ilmited to 30 s switching at zero current maximum Ilmited to 60 s switching at zero current maximum Ilmited to 60 s switching at zero current maximum Ilmited to 60 s switching at zero current maximum Ilmited to 60 s switching at zero current maximum Ilmited to 60 s switching at zero current maximum Ilmited to 60 s switching at zero current maximum Ilmited to 30 s switching at zero current maximum Ilmited to 30 s switching at zero current maximum Ilmited to 30 s switching at zero current maximum Ilmited to 30 s switching at zero current maximum Ilmited to 30 s switching at zero current maximum Ilmited to 30 s switching at zero current maximum Ilmited to AC-1 rated value Ilmited to AC-1 rated value	-	
 limited to 30 s switching at zero current maximum limited to 60 s switching at zero current maximum no-load switching frequency at AC operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3e maximum at AC-4 maximum 	-	
 Ilimited to 60 s switching at zero current maximum no-load switching frequency at AC 5 000 1/h operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3e maximum at AC-4 maximum at AC-4 maximum 250 1/h at AC-4 maximum 250 1/h 	-	
no-load switching frequency		
 at AC 5 000 1/h operating frequency at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3e maximum at AC-3e maximum at AC-4 maximum 250 1/h 		118 A; Use minimum cross-section acc. to AC-1 rated value
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		F 000 4 lb
 at AC-1 maximum at AC-2 maximum at AC-3 maximum at AC-3e maximum at AC-3e maximum at AC-4 maximum 250 1/h 		5 UUU 1/N
 at AC-2 maximum at AC-3 maximum at AC-3e maximum at AC-3e maximum at AC-4 maximum 250 1/h 		4 000 4 11-
 at AC-3 maximum at AC-3e maximum at AC-4 maximum 250 1/h 		
 at AC-3e maximum at AC-4 maximum 250 1/h 		
• at AC-4 maximum 250 1/h		
Control circuit/ Control		250 1/h
	Control circuit/ Control	

type of voltage of the control supply voltage	AC
control supply voltage at AC	
at 50 Hz rated value	110 V
at 60 Hz rated value	120 V
operating range factor control supply voltage rated value of magnet coil at AC	
● at 50 Hz	0.8 1.1
● at 60 Hz	0.8 1.1
design of the surge suppressor	with RC elements
apparent pick-up power of magnet coil at AC	
● at 50 Hz	81 VA
• at 60 Hz	79 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.72
• at 60 Hz	0.74
apparent holding power of magnet coil at AC	
● at 50 Hz	10.5 VA
• at 60 Hz	8.5 VA
inductive power factor with the holding power of the coil	
● at 50 Hz	0.25
• at 60 Hz	0.28
closing delay	
• at AC	8 40 ms
opening delay	
• at AC	4 16 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 instantaneous	1
number of NO contacts for auxiliary contacts instantaneous	1
contact	10.4
operational current at AC-12 maximum	10 A
operational current at AC-15 • at 230 V rated value	10 A
at 230 V rated value at 400 V rated value	3 A
	2 A
 at 500 V rated value at 690 V rated value 	1 A
operational current at DC-12	10
at 24 V rated value	10 A
at 24 V rated value at 48 V rated value	
	6 A
 at 60 V rated value at 110 V rated value 	6 A 3 A
at 110 V rated value at 125 V rated value	2 A
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	10.4
at 24 V rated value at 49 V rated value	10 A
at 48 V rated value	2 A
at 60 V rated value	2 A
at 110 V rated value	1 A
at 125 V rated value	0.9 A
at 220 V rated value	0.3 A
at 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 	

all 100120 V rated value		
For Sphase AC motor		· ·
al 200208 V rated value 7.5 hp 15 hp 2 hp	— at 230 V rated value	3 hp
al 2002/2011 V ratiod value 2.5 hp 2.0 hp	• for 3-phase AC motor	
	— at 200/208 V rated value	5 hp
— at 575600 V related value 20 hp A600 / P600 Short-citrouil protection A600 / P600 Short-citrouil protection A600 / P600	— at 220/230 V rated value	7.5 hp
A600 / P600	— at 460/480 V rated value	15 hp
Short-circuit protection of the fuse link	— at 575/600 V rated value	20 hp
design of the fuse link * for short-circuit protection of the main circuit		A600 / P600
• for short-circuit protection of the main circuit — with type of coordination 1 required • with type of assignment 2 required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required • for short-circuit protection of the auxiliary switch required should provide mounting protection of the auxiliary switch required should provide mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted forward and backward by *-f-225* on vertical mounting surface; can be tilted for		
with type of coordination 1 required with type of assignment 2 required for short-crucit protection of the audilary switch required side-by-side mounting	design of the fuse link	
with type of assignment 2 required of or short-circuit protection of the auxiliary switch required installation insounting Edinessions mounting possible on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted forward and backward by 47-22.5° on vertical mounting surface; can be sitted f	 for short-circuit protection of the main circuit 	
** of short-circuit protection of the auxiliary switch required installation/ mounting/dimonsions **mounting possible* **satisfing method	 — with type of coordination 1 required 	
Installation/ mounting/ dimensions mounting position 4/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 14-22.5° on vertical mounting surface; can be tilted forward and backward by 10-22.5° on vertical mounting surface; can be tilted for the depth of mounting surface; can be tilted forward and burner and part and surface; can be tilted forward and burner and part and surface; can be tilted forward and burner and part and surface; can be tilted forward and burner and part and surface; can be tilted forward and burner and part and surface; can be tilted forward and surface; can be tilted forward and surface; c	 — with type of assignment 2 required 	gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)
#.180" rotation possible on vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled forward and backward by #.2 5.5 in vertical mounting surface; can be littled for DIN EN 60715 #.2 5 mm	for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)
Sastening method	Installation/ mounting/ dimensions	
height 102 mm width 45 mm depth 97 mm required spacing ************************************	mounting position	
height width 45 mm dopth 97 mm required spacing 70 mm evils side by-side mounting 10 mm — forwards 10 mm — upwards 10 mm — downwards 0 mm — at the side 0 mm — forwards 10 mm — upwards 10 mm — at the side 6 mm — downwards 10 mm — forwards 10 mm — forwards 10 mm — downwards 10 mm — for live parts 10 mm — for live parts 10 mm of or auxiliary and control circuit spring-yoe dectreat connection • for auxiliary and control circuit spring-yoe determinals • or auxiliary and control circuit spring-yoe terminals • or auxiliary and control circui	fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
width 45 mm depth 97 mm required spacing 97 mm e with side-by-side mounting 10 mm — forwards 10 mm — downwards 10 mm — at the side 0 mm • for grounded parts 0 mm — upwards 10 mm — at the side 6 mm — downwards 10 mm — downwards 10 mm — for live parts 10 mm — for wards 10 mm — downwards 10 mm — downwards 10 mm — downwards 10 mm — at the side 6 mm Connections/ Terminals 10 mm type of electrical connection 5 mm of or main current circuit spring-loaded terminals of or auxiliary and control circuit spring-loaded terminals of or onectable conductor cross-sections for main contacts solid solid or stranded 2x (1 10 mm²) e finely stranded with core end processing 2x (1 10 mm²) e finely stran	side-by-side mounting	Yes
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side — for grounded parts — for grounded parts — upwards — 10 mm — at the side — downwards — upwards — of orman and and and and and and and and and a	height	102 mm
required spacing with side-by-side mounting	width	45 mm
	depth	97 mm
forwards 10 mm	required spacing	
— upwards 10 mm — at the side 0 mm • for grounded parts 10 mm — forwards 10 mm — upwards 10 mm — at the side 6 mm — downwards 10 mm • for live parts 10 mm — upwards 10 mm — upwards 10 mm — downwards 10 mm — of mornwaillage and control circuit spring-loaded terminals • for ani current circuit spring-loaded terminals • solid or stranded with core end processing 2x (1 10 mm²) <td>with side-by-side mounting</td> <td></td>	with side-by-side mounting	
- downwards - at the side 0 mm • for grounded parts - forwards 10 mm - upwards 10 mm - at the side 6 mm - at the side 6 mm - downwards 10 mm • for live parts 10 mm - downwards 10 mm - at the side 6 mm Connections/ Forminals type of electrical connection • for auxiliary contacts • solid • stranded • finely stranded with core end processing 1 m. 10 mm² • finely stranded with core end processing 1 m. 6 mm² connectable conductor cross-section for main contacts • solid 1 10 mm² • finely stranded with core end processing 1 6 mm² • finely stranded without core end processing 2 10 mm² • finely stranded with core end processing 1 6 mm² • finely stranded with core end processing 2 6 mm² • finely stranded with core end processing 1 6 mm² • finely stranded with core end processing 2 6 mm² • finely stranded with core end processing 1 6 mm² • finely stranded without core end processing 2 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 2 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 2 5 mm² • finely stranded without core end processing 2 5 mm² • finely stranded without core end processing 0.5 1.5 mm² • finely stranded without core end processing 0.5 1.5 mm² • finely stranded without core end processing 0.5 1.5 mm² • finely stranded without core end processing 0.5 1.5 mm² • finely stranded without core end processing 0.5 1.5 mm² • finely stranded without core end processing 0.5 1.5 mm² • finely stranded with core end processing 0.5 1.5 mm² • finely stranded with core end processing 0.5 1.5 mm²	— forwards	10 mm
- at the side • for grounded parts - forwards - upwards - at the side - downwards • for live parts - forwards - upwards • for live parts - forwards - upwards - downwards - domnwards - at the side - 6 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • finely stranded with core	— upwards	10 mm
• for grounded parts — forwards — upwards — at the side — downwards — for live parts — forwards — upwards — downwards — downwards — downwards — at the side — formal connection — at the side Connections/ Torminals type of electrical connection • for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • for auxiliary and control circuit • for finguent coil Spring-loaded terminals • of magnet coil Spring-type terminals • of magnet coil Spring-type terminals • solid • solid or stranded • finely stranded with core end processing	— downwards	10 mm
- forwards	— at the side	0 mm
- upwards - at the side - downwards 10 mm • for live parts - forwards - upwards - upwards - downwards 10 mm - upwards - downwards - downwards - downwards - at the side - formal current circuit - for auxiliary and control circuit - for auxiliary and control circuit - solid - of magnet coil type of connectable conductor cross-section for main contacts - solid - finely stranded with core end processing - finely stranded with core end processing - finely stranded without core end processing - finely stranded with core end processing - finely stranded without core end processing - finely stranded with core end processing - finely stranded without core end processing - finely stranded wit	for grounded parts	
- at the side — downwards 10 mm • for live parts - forwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 6 mm Connections/ Terminals Type of electrical connection • 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 (1 10 mm²) • finely stranded without core end processing 2x (1 6 mm²) • finely stranded without core end processing 1 6 mm² • finely stranded with core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 0.5 2.5 mm² • finely stranded without core end processing 0.5 1.5 mm² • finely stranded without core end processing 0.5 2.5 mm² • finely stranded without core end processing 0.5 2.5 mm² • finely stranded without core end processing 0.5 2.5 mm²	— forwards	10 mm
- downwards • for live parts - forwards - upwards - downwards - at the side Connections/ Terminals type of electrical connection • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid or stranded • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded with core end processing	— upwards	10 mm
• for live parts — forwards — upwards — downwards — at the side Connections/ Terminals type of electrical connection • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-section for main contacts • solid • solid or stranded • finely stranded with core end processing • stranded • finely stranded with core end processing • finely stranded with core end processing • solid • solid • stranded • finely stranded with core end processing • solid • solid • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • finely stranded without core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing	— at the side	6 mm
- forwards	— downwards	10 mm
- upwards - downwards - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • finely stranded without core end processing • finely stranded with core end processing	• for live parts	
- downwards - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • sfinely stranded with core end processing • finely stranded without core end processing • finely stranded with core end processing	— forwards	10 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 (1 10 mm²) • solid or stranded 2x (1 10 mm²) • finely stranded with core end processing 2x (1 6 mm²) • finely stranded without core end processing 2x (1 6 mm²) connectable conductor cross-section for main contacts • solid 1 10 mm² • stranded 1 10 mm² • finely stranded with core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² • finely stranded without core end processing 0.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm² • finely stranded with core end processing 0.5 2.5 mm²	— upwards	10 mm
type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • stranded • stranded • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • solid • stranded • finely stranded without core end processing • solid • stranded • finely stranded without core end processing • finely stranded with core end processing • finely stranded without core end processing	— downwards	10 mm
type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • finely stranded with core end processing • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • finely stranded with core end processing • solid • stranded • finely stranded with core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded with core end processing • finely stranded without core end processing	— at the side	6 mm
for main current circuit of rauxiliary and control circuit	Connections/ Terminals	
 for auxiliary and control circuit at contactor for auxiliary contacts of magnet coil spring-type terminals type of connectable conductor cross-sections for main contacts solid solid or stranded finely stranded with core end processing solid finely stranded without core end processing solid 1 10 mm²) connectable conductor cross-section for main contacts solid stranded finely stranded with core end processing finely stranded with core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing finely stranded without core end processing finely stranded finely stranded with core end processing solid or stranded finely stranded with core end processing finely stranded without core end processing finely stranded w	type of electrical connection	
 at contactor for auxiliary contacts of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts solid solid or stranded finely stranded with core end processing finely stranded without core end processing solid 1 10 mm² stranded or stranded solid solid stranded finely stranded with core end processing stranded finely stranded with core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing finely stranded without core end processing finely stranded finely stranded finely stranded with core end processing finely stranded without core end processing finely stranded conductor cross-sections 	for main current circuit	spring-loaded terminals
of magnet coil type of connectable conductor cross-sections for main contacts • solid	 for auxiliary and control circuit 	spring-loaded terminals
type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • finely stranded without core end processing • solid • solid • finely stranded without core end processing • solid • stranded • finely stranded with core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • solid or stranded • solid or stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • solid or stranded • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing	 at contactor for auxiliary contacts 	Spring-type terminals
 solid solid or stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing 2x (1 6 mm²) connectable conductor cross-section for main contacts solid stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing solid or stranded finely stranded with core end processing finely stranded without core end processing finely stranded conductor cross-sections 	•	Spring-type terminals
 solid or stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing 2x (1 6 mm²) connectable conductor cross-section for main contacts solid stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing solid or stranded finely stranded with core end processing finely stranded without core end processing finely stranded conductor cross-sections 	type of connectable conductor cross-sections for main contacts	
 finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing solid stranded finely stranded with core end processing finely stranded without core end processing solid or stranded finely stranded with core end processing finely stranded with core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing finely stranded without core end processing finely connectable conductor cross-sections 	• solid	2x (1 10 mm²)
 finely stranded without core end processing connectable conductor cross-section for main contacts solid stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing finely connectable conductor cross-sections 	solid or stranded	2x (1 10 mm²)
connectable conductor cross-section for main contacts • solid • stranded • finely stranded with core end processing • finely stranded without core end processing connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • finely connectable conductor cross-sections	 finely stranded with core end processing 	2x (1 6 mm²)
 solid stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing solid or stranded finely stranded with core end processing finely stranded with core end processing finely stranded without core end processing 2.5 mm² 	finely stranded without core end processing	2x (1 6 mm²)
 stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing 0.5 2.5 mm² finely stranded without core end processing 0.5 2.5 mm² 	connectable conductor cross-section for main contacts	
 finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing solid or stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing finely stranded without core end processing 2.5 mm² type of connectable conductor cross-sections 	• solid	1 10 mm²
 finely stranded without core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing 2.5 mm² finely stranded without core end processing 2.5 mm² 	• stranded	1 10 mm²
connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • finely stranded without core end processing • type of connectable conductor cross-sections 0.5 2.5 mm² 0.5 2.5 mm² 0.5 2.5 mm²	 finely stranded with core end processing 	1 6 mm²
 solid or stranded finely stranded with core end processing finely stranded without core end processing finely stranded without core end processing type of connectable conductor cross-sections 	finely stranded without core end processing	1 6 mm²
 finely stranded with core end processing finely stranded without core end processing type of connectable conductor cross-sections 	connectable conductor cross-section for auxiliary contacts	
• finely stranded without core end processing 0.5 2.5 mm² type of connectable conductor cross-sections	 solid or stranded 	0.5 2.5 mm²
type of connectable conductor cross-sections	 finely stranded with core end processing 	0.5 1.5 mm²
	 finely stranded without core end processing 	0.5 2.5 mm²
• for auxiliary contacts	type of connectable conductor cross-sections	
	 for auxiliary contacts 	

 — solid or stranded 	2x (0.5 2.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²)
 finely stranded without core end processing 	2x (0.5 2.5 mm²)
 for AWG cables for auxiliary contacts 	2x (20 14)
AWG number as coded connectable conductor cross section	
• for main contacts	18 8
 for auxiliary contacts 	20 14
Safety related data	
product function	
 mirror contact according to IEC 60947-4-1 	Yes
B10 value with high demand rate according to SN 31920	450 000
proportion of dangerous failures	
 with low demand rate according to SN 31920 	40 %
 with high demand rate according to SN 31920 	73 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
T1 value for proof test interval or service life according to IEC 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
suitability for use	
 safety-related switching OFF 	Yes
Certificates/ approvals	

General Product Approval



Confirmation





<u>KC</u>



Functional EMC Declaration of Conformity Test Certificates Safety/Safety of Machinery



Type Examination Cer**tificate**





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

Type Test Certificates/Test Report

Marine / Shipping













Marine / Shipping other Railway **Environment**



Confirmation



Confirmation

Vibration and Shock

Environmental Confirmations

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

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

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

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

Information on the packaging

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

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2026-2EK60

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2026-2EK60

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-2EK60

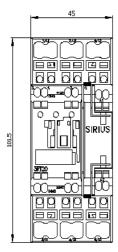
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

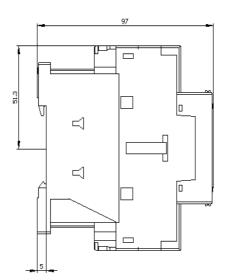
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2

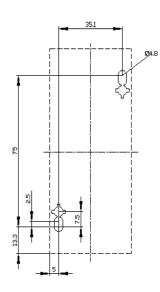
Characteristic: Tripping characteristics, I2t, Let-through current

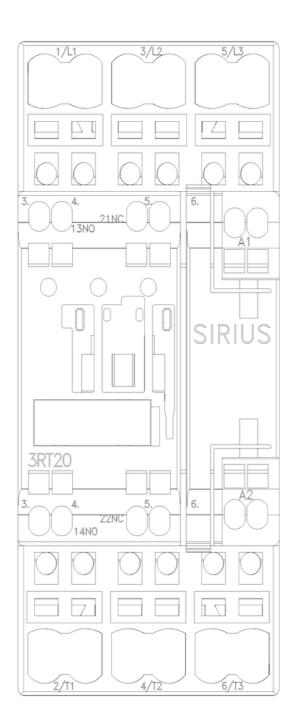
https://support.industry.siemens.com/cs/ww/en/ps/3RT2026

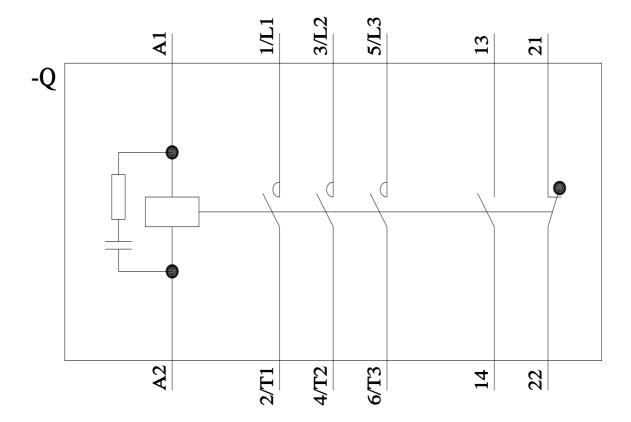
Further characteristics (e.g. electrical endurance, switching frequency)
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2026-2EK60&objecttype=14&gridview=view1











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