SIEMENS

Data sheet

3RT2028-1BB40-0CC0



power contactor, AC-3e/AC-3, 38 A, 18.5 kW / 400 V, 3-pole, 24 V DC, auxiliary contacts: 1 NO + 1 NC, screw terminal, size: S0, communication-capable

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 	Yes
auxiliary switch	Yes
power loss [W] for rated value of the current	
 at AC in hot operating state 	11.4 W
 at AC in hot operating state per pole 	3.8 W
 without load current share typical 	5.9 W
type of calculation of power loss depending on pole	quadratic
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	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at DC	15g / 5 ms, 10g / 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
Weight	0.609 kg
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 %

Entermomental Product Decearation (EPD) Year	Environmental footprint	
global warming potential (CO2 or e) total 22 kg global warming potential (CO2 or) during generation 2.9 kg global warming potential (CO2 or) during generation 2.9 kg global warming potential (CO2 or) during generation 2.9 kg global warming potential (CO2 or) during generation 2.9 kg global warming potential (CO2 or) during generation 2.9 kg global warming potential (CO2 or) during generation 2.9 kg global warming composition 2.9 kg global warming com		Yes
global warming potential (CDZ ed) during menation 219 kg		
global warming potential (COZ eg) during operation 219 kg global warming potential (COZ eg) after end of life -0.639 kg		
mumber of NO contacts for main current circuit 3 3 3 3 3 3 3 3 3		-0.639 kg
Dumber of NO contacts for main contacts 3		
oporating voltage ■ of ACS rated value maximum ● of ACS rated value maximum ■ of ACS rated value maximum ■ of ACS rated value value ■ of ACS at 400 V at ambient temperature 40 °C rated value ■ of ACS at ACS at ambient temperature 60 °C rated value — up to 890 V at ambient temperature 80 °C rated value — up to 890 V rated value ■ of ACS at ACS at ambient temperature 80 °C rated value — at 800 V rated value — at 800 V rated value ■ of ACS at 400 V rated value — 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 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 ■ of 600 V rated	number of poles for main current circuit	3
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- at 400 V rated value - at 500 V rated value - 20 2A - 21 A - 22 A - 24 C - 24	value	42 A
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■ at AC-5b up to 400 V rated value ■ 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 590 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=20 rated value ■ at AC-6a ■ up to 230 V for current peak value n=30 rated value ■ up to 230 V for current peak value n=30 rated value ■ up to 590 V for current peak value n=30 rated value ■ up to 590 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 ■ 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 □ 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 rated value □ at 40 V rated value □ at 110 V rated value □ at 12 A V rated value □ at 24 V rated value □ at 220 V rated value □ at 600 V rated value □ at 24 V rated value □ at 600 V rated value □ a		
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— up to 690 V for current peak value n=30 rated value minimum cross-section in main circuit at maximum AC-1 rated value operational current for approx. 200000 operating cycles at AC-4 ■ at 400 V rated value ■ at 690 V rated value ■ at 12 A 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 400 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value — at 24 V rated value — at 24 V rated value — at 24 V rated value — at 60 V rated value — at 440 V rated value — at 440 V rated value — at 60 V rated value — at 60 V rated value — at 440 V rated value — at 60 V rated value — 35 A	— up to 400 V for current peak value n=30 rated value	20.5 A
minimum cross-section in main circuit at maximum AC-1 rated value operational current for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value • at 1 current path at DC-1 — at 24 V rated value — at 60 V rated value — at 60 V rated value — at 410 V rated value — at 440 V rated value — at 440 V rated value — at 600 V rated value • with 3 current paths in series at DC-1 — at 24 V rated value — at 600 V rated value • with 3 current paths in series at DC-1 — at 24 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 — 35 A 35 A 35 A	— up to 500 V for current peak value n=30 rated value	21.4 A
value operational current for approx. 200000 operating cycles at AC-4 12 A • at 400 V rated value 12 A operational current 12 A • at 1 current path at DC-1 35 A — at 24 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 35 A — at 24 V rated value 35 A — at 110 V rated value 35 A — at 220 V rated value 5 A — at 220 V rated value 1 A — at 440 V rated value 1 A — at 400 V rated value 0.8 A • with 3 current paths in series at DC-1 0.8 A • with 3 current paths in series at DC-1 35 A — at 60 V rated value 35 A • with 3 current paths in series at DC-1 35 A	— up to 690 V for current peak value n=30 rated value	21 A
AC-4 • at 400 V rated value • at 690 V rated value 12 A 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 440 V rated value — at 600 V rated value — at 600 V rated value — at 220 V rated value — at 600 V rated value — at 220 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 35 A — at 400 V rated value 35 A — at 24 V rated value 35 A — at 440 V rated value 35 A — at 440 V rated value 35 A — at 440 V rated value 35 A — at 600 V rated value 35 A • with 3 current paths in series at DC-1 — at 24 V rated value 35 A • with 3 current paths in series at DC-1 — at 24 V rated value 35 A		10 mm²
• 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 60 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 — at 220 V rated value — at 240 V rated value — at 220 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 35 A — at 24 V rated value — at 600 V rated value — 35 A • with 3 current paths in series at DC-1 — at 24 V rated value — 35 A • with 3 current paths in series at DC-1 — at 24 V rated value — 35 A • with 3 current paths in series at DC-1 — at 24 V rated value — 35 A		
operational current • at 1 current path at DC-1		
• 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 — at 24 V rated value 35 A — at 10 V rated value 35 A — at 110 V rated value 35 A — at 220 V rated value 35 A — at 240 V rated value 35 A — at 240 V rated value 35 A — at 440 V rated value 5 A — at 440 V rated value 5 A — at 440 V rated value 1 A — at 600 V rated value 35 A • with 3 current paths in series at DC-1 — at 24 V rated value 35 A • with 3 current paths in series at DC-1 — at 24 V rated value 35 A • with 3 current paths in series at DC-1 — at 24 V rated value 35 A		12 A
- 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 - at 24 V rated value 35 A - at 110 V rated value 35 A - at 110 V rated value 35 A - at 1220 V rated value 14 A - at 600 V rated value 5 A - at 440 V rated value 5 A - at 440 V rated value 15 A - at 600 V rated value 15 A - at 600 V rated value 15 A - at 600 V rated value 35 A • with 3 current paths in series at DC-1 - at 24 V rated value 35 A - at 600 V rated value 35 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 at 24 V rated value 35 A at 110 V rated value 35 A at 110 V rated value 35 A at 440 V rated value 35 A at 440 V rated value 1 A at 600 V rated value 5 A at 440 V rated value 1 A at 600 V rated value 1 A at	•	
- at 110 V rated value 4.5 A - at 220 V rated value 0.4 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 - 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 1 A - at 600 V rated value 1 A - at 600 V rated value 1 A - at 600 V rated value 35 A - at 220 V rated value 35 A - at 440 V rated value 35 A - at 600 V rated value 35 A		
- 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 — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 24 V rated value — at 24 V rated value — at 24 V rated value — at 60 V rated value 35 A — at 24 V rated value — at 60 V rated value 35 A 		
 — 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 — at 440 V rated value — at 600 V rated value — at 600 V rated value — at 24 V rated value — at 24 V rated value — at 60 V rated value 35 A — at 60 V rated value — at 35 A — at 60 V rated value — at 24 V rated value — at 24 V rated value — at 25 A 		
 with 2 current paths in series at DC-1 at 24 V rated value 35 A at 60 V rated value 35 A at 110 V rated value at 220 V rated value at 440 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 35 A at 60 V rated value 35 A 		
 — 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 24 V rated value — at 60 V rated value — at 60 V rated value — at 35 A — at 60 V rated value — at 35 A — at 60 V rated value — at 35 A 		0.20 A
 — 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 24 V rated value — at 60 V rated value — at 60 V rated value 35 A — at 60 V rated value 35 A 	•	35 A
 — at 110 V rated value — at 220 V rated value — at 440 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 35 A — at 60 V rated value 35 A 		
 — at 220 V rated value — at 440 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 35 A — at 60 V rated value 35 A 		
 — at 440 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 35 A — at 60 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 35 A 35 A 		
• with 3 current paths in series at DC-1 — at 24 V rated value 35 A — at 60 V rated value 35 A		
 — at 24 V rated value — at 60 V rated value 35 A 35 A 		
— at 60 V rated value 35 A	•	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	20 A
— at 60 V rated value	5 A
— at 110 V rated value	2.5 A
— at 220 V rated value	1 A
— 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
— at 220 V rated value	3 A
— 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	0.1071
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
	10 A
— at 220 V rated value	
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
operating power	
• at AC-3	44 NW
— at 230 V rated value	11 kW
— at 400 V rated value	18.5 kW
— at 500 V rated value	18.5 kW
— at 690 V rated value	18.5 kW
operating power for approx. 200000 operating cycles at AC-	
at 400 V rated value	6 kW
at 690 V rated value	10.3 kW
operating apparent power at AC-6a	
up to 230 V for current peak value n=20 rated value	12.2 kVA
 up to 400 V for current peak value n=20 rated value 	21.3 kVA
 up to 500 V for current peak value n=20 rated value 	26.6 kVA
 up to 690 V for current peak value n=20 rated value 	25 kVA
operating apparent power at AC-6a	
up to 230 V for current peak value n=30 rated value	8.1 kVA
• up to 400 V for current peak value n=30 rated value	14.2 kVA
• up to 500 V for current peak value n=30 rated value	18.5 kVA
• up to 690 V for current peak value n=30 rated value	25 kVA
short-time withstand current in cold operating state up to	
40 °C	
 limited to 1 s switching at zero current maximum 	593 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	341 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 10 s switching at zero current maximum	260 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	199 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 60 s switching at zero current maximum	162 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at DC	1 500 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-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	

1-141-1 1 1	0.0
• initial value	0.8
• full-scale value	1.1
closing power of magnet coil at DC	5.9 W
holding power of magnet coil at DC	5.9 W
closing delay	FO. 470
• at DC	50 170 ms
opening delay	45 475
• at DC	15 17.5 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2, optionally via function module
Auxiliary circuit	1
number of NC contacts for auxiliary contacts instantaneous contact	1
number of NO contacts for auxiliary contacts instantaneous	1
contact	
operational current at AC-12 maximum	10 A
operational current at AC-15	
• at 230 V rated value	10 A
• at 400 V rated value	3 A
• at 500 V rated value	2 A
at 690 V rated value	1 A
operational current at DC-12	
• at 24 V rated value	10 A
• at 48 V rated value	6 A
• at 60 V rated value	6 A
 at 110 V rated value 	3 A
• at 125 V rated value	2 A
 at 220 V rated value 	1 A
at 600 V rated value	0.15 A
operational current at DC-13	
 at 24 V rated value 	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	34 A
at 600 V rated value	27 A
yielded mechanical performance [hp]	
 for single-phase AC motor 	
— at 110/120 V rated value	3 hp
— at 230 V rated value	5 hp
• for 3-phase AC motor	
— at 200/208 V rated value	10 hp
— at 220/230 V rated value	10 hp
— at 460/480 V rated value	25 hp
— at 575/600 V rated value	25 hp
contact rating of auxiliary contacts according to UL	A600 / P600
Short-circuit protection	
design of the miniature circuit breaker for short-circuit protection	C characteristic: 10 A; 0.4 kA
of the auxiliary circuit up to 230 V	
design of the fuse link	
for short-circuit protection of the main circuit	~C. 405 A (000 V 400 LA) ~N. 50 A (000 V 400 LA) P000 405 A (445 V 00
 — with type of coordination 1 required 	gG: 125 A (690 V,100 kA), aM: 50 A (690 V,100 kA), BS88: 125 A (415 V,80 kA)
— with type of coordination 2 required	gG: 50 A (690 V, 100 kA), aM: 25 A (690 V, 100 kA), BS88: 50 A (415 V, 80 kA)
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
fastening method	screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715
height	85 mm
width	45 mm
depth	107 mm
required spacing	
with side-by-side mounting	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
	O IIIIII
for grounded parts forwards	10 mm
— forwards	10 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
• for live parts	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	6 mm
Connections/ Terminals	
type of electrical connection	
for main current circuit	screw-type terminals
 for auxiliary and control circuit 	screw-type terminals
 at contactor for auxiliary contacts 	Screw-type terminals
of magnet coil	Screw-type terminals
type of connectable conductor cross-sections	
for main contacts	
— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
— solid or stranded	2x (1 2.5 mm²), 2x (2.5 10 mm²)
 finely stranded with core end processing 	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
for AWG cables for main contacts	2x (16 12), 2x (14 8)
connectable conductor cross-section for main contacts	
• solid	1 10 mm²
stranded	1 10 mm ²
finely stranded with core end processing	1 10 mm²
connectable conductor cross-section for auxiliary contacts	1 10 111111
solid or stranded	0.5 2.5 mm²
	0.5 2.5 mm ²
finely stranded with core end processing type of connectable conductor cross sections.	U.U 2.0 IIIIII
type of connectable conductor cross-sections	
for auxiliary contacts	0, (0.5 4.5 mars2) 0, (0.75 0.5 mars2)
— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
— finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
for AWG cables for auxiliary contacts	2x (20 16), 2x (18 14)
AWG number as coded connectable conductor cross section for main contacts	16 8
AWG number as coded connectable conductor cross section for auxiliary contacts	20 14
Safety related data	
product function	
 mirror contact according to IEC 60947-4-1 	Yes
 positively driven operation according to IEC 60947-5-1 	No
suitable for safety function	Yes
suitability for use safety-related switching OFF	Yes
service life maximum	20 a
test wear-related service life necessary	Yes
proportion of dangerous failures	
with low demand rate according to SN 31920	40 %

 with high demand rate according to SN 31920 	73 %
B10 value with high demand rate according to SN 31920	1 000 000
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
ISO 13849	
device type according to ISO 13849-1	3
overdimensioning according to ISO 13849-2 necessary	Yes
IEC 61508	
safety device type according to IEC 61508-2	Type A
Electrical Safety	
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
Approvals Certificates	

General Product Approval











<u>KC</u>

General Product Approval

EMV

Test Certificates

Maritime application





Type Test Certificates/Test Report

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





Maritime application









Confirmation

other

Miscellaneous

other

Railway

Dangerous goods

Environment



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

Transport Information



Environmental Confirmations

Information on the packaging

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

Information for data generation and storage

https://support.industry.siemens.com/cs/ww/en/view/109995012

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=3RT2028-1BB40-0CC0

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT2028-1BB40-0CC0}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2028-1BB40-0CC0

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

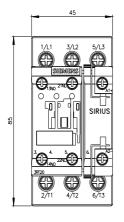
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2028-1BB40-0CC0&lang=en

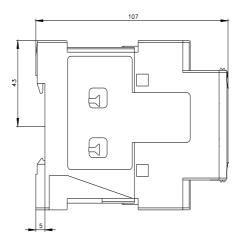
Characteristic: Tripping characteristics, I2t, Let-through current

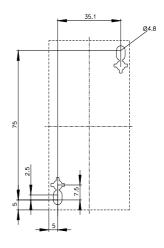
https://support.industry.siemens.com/cs/ww/en/ps/3RT2028-1BB40-0CC0/char

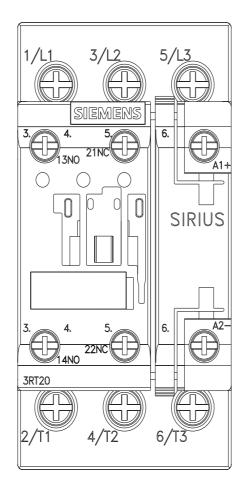
Further characteristics (e.g. electrical endurance, switching frequency)

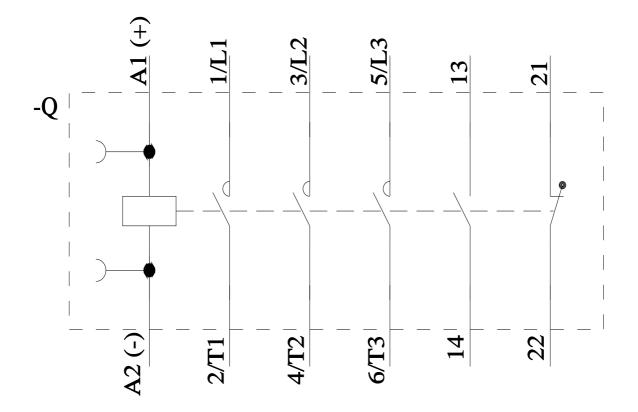
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2028-1BB40-0CC0&objecttype=14&gridview=view1











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