SIEMENS

Data sheet

3RT2028-1AC20



power contactor, AC-3e/AC-3, 38 A, 18.5 kW / 400 V, 1 NO + 1 NC, 24 V AC, 50 / 60 Hz, 3-pole, screw terminal

product brand nameSIRIUSproduct designationPower contactorproduct type designation3RT2Ceneral technical datasize of contactorS0product extensionNo• function module for communicationNo• auxiliary switchYespower loss [W] for rated value of the current3.2 W• at AC in hot operating state per pole3.2 W• without load current share typical10.5 W• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• of main circuit rated value690 V
product type designation3RT2General technical dataS0size of contactorS0product extensionNo• function module for communicationNo• auxiliary switchYespower loss [W] for rated value of the current3.2 W• at AC in hot operating state per pole3.2 W• at AC in hot operating state per pole3.2 W• without load current share typical10.5 W• insulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• surge voltage resistance690 V
General technical data size of contactor S0 product extension No • function module for communication No • auxiliary switch Yes power loss [W] for rated value of the current • at AC in hot operating state 9.6 W • at AC in hot operating state per pole 3.2 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 690 V
size of contactorS0product extensionNo• function module for communicationNo• auxiliary switchYespower loss [W] for rated value of the current• at AC in hot operating state9.6 W• at AC in hot operating state per pole3.2 W• without load current share typical10.5 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• surge voltage resistance690 V
product extensionNo• function module for communicationNo• auxiliary switchYespower loss [W] for rated value of the current• at AC in hot operating state9.6 W• at AC in hot operating state per pole3.2 W• without load current share typical10.5 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated690 V• surge voltage resistance500 V
• function module for communicationNo• auxiliary switchYespower loss [W] for rated value of the current• at AC in hot operating state9.6 W• at AC in hot operating state per pole3.2 W• without load current share typical10.5 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• surge voltage resistance500 V
• auxiliary switchYes power loss [W] for rated value of the current 9.6 W• at AC in hot operating state9.6 W• at AC in hot operating state per pole3.2 W• without load current share typical10.5 W insulation voltage 690 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated690 V
power loss [W] for rated value of the current• at AC in hot operating state9.6 W• at AC in hot operating state per pole3.2 W• without load current share typical10.5 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• surge voltage resistance500 V
 at AC in hot operating state at AC in hot operating state per pole at AC in hot operating state per pole without load current share typical insulation voltage of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated surge voltage resistance 9.6 W 9.6 W 9.6 W a.2 W a.
 at AC in hot operating state per pole without load current share typical insulation voltage of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated surge voltage resistance 3.2 W 3.2 W 690 V 690 V 690 V
 without load current share typical insulation voltage of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value surge voltage resistance 10.5 W 690 V 690 V 690 V
insulation voltage of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated orated orated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated of auxiliary circui
 of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated of auxiliary circuit with degree of pollution 3 rated surge voltage resistance
of auxiliary circuit with degree of pollution 3 rated 690 V value surge voltage resistance
value surge voltage resistance
of main circuit rated value 6 kV
of auxiliary circuit rated value 6 kV
maximum permissible voltage for safe isolation between 400 V coil and main contacts according to EN 60947-1
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 95 % maximum
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	50 4
 at AC-1 at 400 V at ambient temperature 40 °C rated value 	50 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C	50 A
rated value	
— up to 690 V at ambient temperature 60 °C	42 A
rated value	
• at AC-3	
— at 400 V rated value	38 A
— at 500 V rated value	32 A
— at 690 V rated value	21 A
• at AC-3e	20.4
— at 400 V rated value — at 500 V rated value	38 A 32 A
— at 500 V rated value	32 A 21 A
 at AC-4 at 400 V rated value 	21 A 22 A
 at AC-5a up to 690 V rated value 	22 A 44 A
 at AC-5b up to 400 V rated value 	31.5 A
• at AC-6a	01.07
— up to 230 V for current peak value n=20 rated	30.8 A
value	00.071
 — up to 400 V for current peak value n=20 rated value 	30.8 A
— up to 500 V for current peak value n=20 rated value	30.8 A
— up to 690 V for current peak value n=20 rated value	21 A
• at AC-6a	
 up to 230 V for current peak value n=30 rated value 	20.5 A
— up to 400 V for current peak value n=30 rated value	20.5 A
— up to 500 V for current peak value n=30 rated value	21.4 A
— up to 690 V for current peak value n=30 rated value	21 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	12 A
• at 690 V rated value	12 A
operational current	
 at 1 current path at DC-1 	
— at 24 V rated value	35 A
— at 110 V rated value	4.5 A
— at 220 V rated value	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 5 A
— at 220 V rated value — at 440 V rated value	5 A 1 A
— at 440 V rated value — at 600 V rated value	0.8 A
with 3 current paths in series at DC-1	0.0 A
- at 24 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	20 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 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 	
— at 24 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	10 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
operating power	
• at AC-3	
— 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
• at AC-3e	
— 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-4	
• at 400 V rated value	6 kW
• at 690 V rated value	10.3 kW
operating apparent power at AC-6a	10.0 KW
• up to 230 V for current peak value n=20 rated value	12.2 kVA
	21.3 kVA
 up to 400 V for current peak value n=20 rated value up to 500 V for current peak value n=20 rated value 	26.6 kVA
	25 kVA
• up to 690 V for current peak value n=20 rated value	ZUKVA
operating apparent power at AC-6a	0.4 12/1
• 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 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 3 s switching at zero current maximum limited to 10 s switching at zero current maximum 	260 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10's switching at zero current maximum limited to 30's switching at zero current maximum 	199 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 50 s switching at zero current maximum limited to 60 s switching at zero current maximum 	162 A; Use minimum cross-section acc. to AC-1 rated value
-	TOZ A, OSE MINIMUM CIOSS-SECTION ACC. TO AC-1 TATED VALUE
no-load switching frequency • at AC	5 000 1/h
	5 000 1/11
 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	AC
control supply voltage at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
operating range factor control supply voltage rated	

value of magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	2414
• 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	1
instantaneous contact	
number of NO contacts for auxiliary contacts instantaneous contact	1
operational current at AC-12 maximum	10 A
operational current at AC-15	
 at 230 V rated value 	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	10.4
at 24 V rated value	10 A
• at 48 V rated value	2 A
at 60 V rated value	2 A 1 A
at 110 V rated value	1 A
at 125 V rated value	0.9 A
 at 220 V rated value 	0.3 A
a at 600 V rated value	
at 600 V rated value contact reliability of auxiliary contacts	0.1 A 1 faulty switching per 100 million (17 V 1 mA)
contact reliability of auxiliary contacts	0.1 A 1 faulty switching per 100 million (17 V, 1 mA)
contact reliability of auxiliary contacts UL/CSA ratings	
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor	1 faulty switching per 100 million (17 V, 1 mA)
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value	1 faulty switching per 100 million (17 V, 1 mA) 34 A
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value	1 faulty switching per 100 million (17 V, 1 mA)
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp]	1 faulty switching per 100 million (17 V, 1 mA) 34 A
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor	1 faulty switching per 100 million (17 V, 1 mA) 34 A 27 A
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value	1 faulty switching per 100 million (17 V, 1 mA) 34 A 27 A 3 hp
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value	1 faulty switching per 100 million (17 V, 1 mA) 34 A 27 A
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value	1 faulty switching per 100 million (17 V, 1 mA) 34 A 27 A 3 hp 5 hp
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 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	1 faulty switching per 100 million (17 V, 1 mA) 34 A 27 A 3 hp 5 hp 10 hp
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 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	1 faulty switching per 100 million (17 V, 1 mA) 34 A 27 A 3 hp 5 hp 10 hp 10 hp
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 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	1 faulty switching per 100 million (17 V, 1 mA) 34 A 27 A 3 hp 5 hp 10 hp
contact reliability of auxiliary contacts UL/CSA ratings full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value 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 460/480 V rated value	1 faulty switching per 100 million (17 V, 1 mA) 34 A 27 A 3 hp 5 hp 10 hp 10 hp 25 hp

Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit	
— with type of coordination 1 required	gG: 125A (690V,100kA), aM: 50A (690V,100kA), BS88: 125A (415V,80kA)
— with type of assignment 2 required	gG: 50A (690V,100kA), aM: 25A (690V, 100kA), BS88: 50A (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
fastening method	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 	Yes
height	85 mm
width	45 mm
depth	97 mm
required spacing	
 with side-by-side mounting 	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
 for grounded parts 	
— 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 mm ²), 2x (2.5 10 mm ²)
— finely stranded with core end processing	2x (1 2.5 mm ²), 2x (2.5 6 mm ²), 1x 10 mm ²
at AWG cables for main contacts	2x (16 12), 2x (14 8)
connectable conductor cross-section for main contacts	
• solid	1 10 mm²
stranded	1 10 mm²
finely stranded with core end processing	$1 10 \text{ mm}^2$
 finely stranded with core end processing connectable conductor cross-section for auxiliary contacts 	1 10 mm²
connectable conductor cross-section for auxiliary	1 10 mm² 0.5 2.5 mm²
connectable conductor cross-section for auxiliary contacts • solid or stranded	0.5 2.5 mm²
 connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing 	
 connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections 	0.5 2.5 mm²
 connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts 	0.5 2.5 mm² 0.5 2.5 mm²
 connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded 	0.5 2.5 mm² 0.5 2.5 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded finely stranded with core end processing 	0.5 2.5 mm ² 0.5 2.5 mm ² 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)
 connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded finely stranded with core end processing a solid or stranded finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross 	0.5 2.5 mm² 0.5 2.5 mm² 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section 	0.5 2.5 mm ² 0.5 2.5 mm ² 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) 2x (20 16), 2x (18 14)
 connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded finely stranded with core end processing a solid or stranded finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross 	0.5 2.5 mm ² 0.5 2.5 mm ² 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²)

Safety related data						
product function						
•	according to IEC 60947-	4-1	Yes			
B10 value with high demand rate according to SN 31920		450 000				
proportion of dangerous failures						
	nd 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 IEC 61508		20 у				
	on the front according	to IEC	IP20			
60529 touch protection on the front according to IEC 60529 suitability for use			finger-safe, for vertical conta	act from the front		
 safety-related s 	witching OFF		Yes			
Certificates/ approval	-					
General Product Ap						
0	<u>Confirmation</u>		~	KC		
(SP)	<u>o o minidato n</u>	(W)	(ŲL)		FAL	
CSA		CCC	Ŭ.		LIIL	
	Functional					
EMC	Safety/Safety of	Declaration o	f Conformity	Test Certificates		
	Machinery					
•	Type Examination			Type Test Certific-	Special Test Certific-	
ka ka	<u>Certificate</u>	UK	()	ates/Test Report	ate	
29	oortinouto	<u> </u>				
RCM			EG-Konf.			
Marine / Shipping						
Second Second	A CONTRACTOR	2 8	11 1	(Start		
		ተው	-Lloyd's Register	(((@))	
A RAILED		DNV				
ABS	BUREAU	DNV	LRS	RINA	RMRS	
	VERITAS					
other			Railway			
<u>Confirmation</u>	^	Confirmatio	n Vibration and Shock			
Committation	/v					
	<u>ط</u>					
	VDE					
urther information						

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2028-1AC20

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2028-1AC20

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

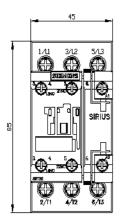
https://support.industry.siemens.com/cs/ww/en/ps/3RT2028-1AC20

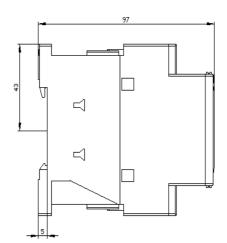
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <u>http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2028-1AC20&lang=en</u>

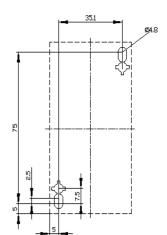
Characteristic: Tripping characteristics, I²t, Let-through current

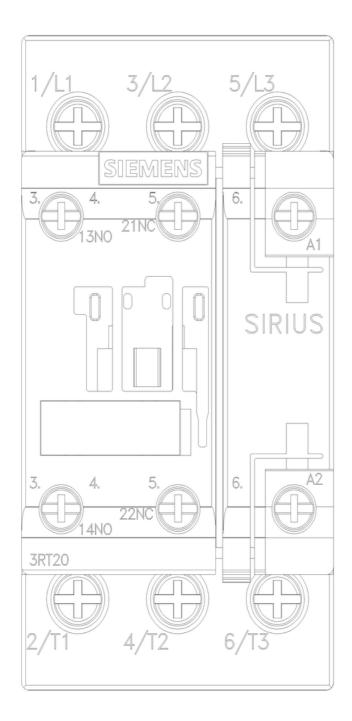
https://support.industry.siemens.com/cs/ww/en/ps/3RT2028-1AC20/char

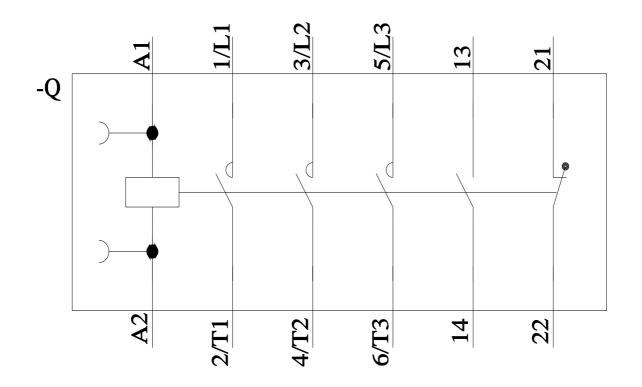
Further characteristics (e.g. electrical endurance, switching frequency)











last modified:

11/21/2022 🖸