## **SIEMENS**

Data sheet 3RT2023-2NP30



power contactor, AC-3e/AC-3, 9 A, 4 kW / 400 V, 3-pole, 200-280 V AC/DC, 50/60 Hz, with integrated varistor, 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	
<ul> <li>function module for communication</li> </ul>	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	0.6 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	0.2 W
without load current share typical	1.9 W
type of calculation of power loss depending on pole	quadratic
insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	690 V
surge voltage resistance	
<ul> <li>of main circuit rated value</li> </ul>	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	7,5g / 5 ms, 4,7g / 10 ms
• at DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at AC	11,8g / 5 ms, 7,4g / 10 ms
• at DC	15g / 5 ms, 10g / 10 ms
mechanical service life (operating cycles)	
<ul> <li>of contactor typical</li> </ul>	10 000 000
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	10 000 000
reference code according to IEC 81346-2	Q
Substance Prohibitance (Date)	10/01/2009
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8
Weight	0.585 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	95 %
maximum	
Environmental footprint	
Environmental Product Declaration(EPD)	Yes
global warming potential [CO2 eq] total	59.7 kg
global warming potential [CO2 eq] during manufacturing	3.7 kg
global warming potential [CO2 eq] during operation	56.6 kg
global warming potential [CO2 eq] after end of life	-0.626 kg
Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V
at AC-3e rated value maximum	690 V
operational current	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated value</li> </ul>	40 A
• at AC-1	40.4
— up to 690 V at ambient temperature 40 °C rated value	40 A
— up to 690 V at ambient temperature 60 °C rated value	35 A
• at AC-3	0.4
— at 400 V rated value	9 A
— at 500 V rated value	9 A
<ul><li>— at 690 V rated value</li><li>• at AC-3e</li></ul>	9 A
— at 400 V rated value	9 A
— at 500 V rated value	9 A
— at 690 V rated value	9 A
• at AC-4 at 400 V rated value	8.5 A
• at AC-5a up to 690 V rated value	35.2 A
at AC-5b up to 400 V rated value	7.4 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	11.4 A
— up to 400 V for current peak value n=20 rated value	11.4 A
— up to 500 V for current peak value n=20 rated value	9.1 A
— up to 690 V for current peak value n=20 rated value	9 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated value	7.6 A
— up to 400 V for current peak value n=30 rated value	7.6 A
— up to 500 V for current peak value n=30 rated value	6.1 A
— up to 690 V for current peak value n=30 rated value	6.1 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	4.1 A
at 690 V rated value	3.3 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
<ul> <li>with 2 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	35 A

at 110 V rated value	
- at 440 V rated value	
<ul> <li>at 600 V rated value</li> <li>with 3 current paths in series at DC-1</li> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> <li>— at 600 V rated value</li> <li>— at 24 V rated value</li> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> <li>— at 110 V rated value</li> <li>— at 440 V rated value</li> <li>— at 440 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> <li>— at 60 V rated value</li> <li>— at 75 A</li> </ul>	
<ul> <li>with 3 current paths in series at DC-1         <ul> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>35 A</li> <li>at 110 V rated value</li> <li>35 A</li> </ul> </li> <li>at 110 V rated value</li> <li>35 A</li> <li>at 220 V rated value</li> <li>35 A</li> <li>at 440 V rated value</li> <li>2.9 A</li> <li>at 600 V rated value</li> <li>4.4 A</li> </ul> <li>at 1 current path at DC-3 at DC-5         <ul> <li>at 24 V rated value</li> <li>5 A</li> <li>at 110 V rated value</li> <li>2.5 A</li> <li>at 220 V rated value</li> <li>1 A</li> <li>at 440 V rated value</li> <li>0.09 A</li> <li>at 600 V rated value</li> <li>o.06 A</li> </ul> </li> <li>with 2 current paths in series at DC-3 at DC-5         <ul> <li>at 24 V rated value</li> <li>35 A</li> <li>at 60 V rated value</li> <li>35 A</li> </ul> </li>	
- 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 5 A - at 110 V rated value 5 A - at 110 V rated value 1.4 A  • at 1 v rated value 5 A - at 110 V rated value 1.4 A - at 440 V rated value 1.5 A - at 220 V rated value 1.5 A - at 440 V rated value 1.5 A - at 600 V rated value 1.5 A - at 600 V rated value 1.5 A - at 600 V rated value 1.5 A - at 24 V rated value 1.5 A - at 24 V rated value 1.5 A - at 60 V rated value 1.5 A - at 60 V rated value 1.5 A - at 60 V rated value 1.5 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 5 A - at 10 V rated value 5.4 - at 110 V rated value 2.5 A - at 220 V rated value 1.4 - at 440 V rated value 1.5 - at 240 V rated value 1.6 - at 440 V rated value 1.6 - at 440 V rated value 1.7 - at 440 V rated value 1.8 - at 400 V rated value 1.8 - at 600 V rated value 1.8 - at 600 V rated value 1.8 - at 24 V rated value 1.8 - at 24 V rated value 1.8 - at 60 V	
- at 110 V rated value 35 A - at 220 V rated value 2.9 A - at 440 V rated value 1.4 A  - at 600 V rated value 1.4 A  • at 1 current path at DC-3 at DC-5  - at 24 V rated value 2.9 A - at 60 V rated value 5 A - at 110 V rated value 2.5 A - at 1220 V rated value 1 A - at 440 V rated value 1 A - at 440 V rated value 1 A - at 440 V rated value 1 A - at 600 V rated value 1 A - at 440 V rated value 1 A - at 600 V rated value 1 A	
- at 220 V rated value 2.9 A - at 440 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 1 A - at 440 V rated value 1 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 24 V rated value 35 A - at 26 V rated value 35 A - at 60 V rated value 35 A - at 60 V rated value 35 A - at 110 V rated value 35 A - at 110 V rated value 15 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 60 V rated value 35 A - at 110 V rated value 15 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 1 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 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 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 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	
<ul> <li>— at 110 V rated value</li> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> <li>■ with 2 current paths in series at DC-3 at DC-5</li> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> <li>— at 110 V rated value</li> <li>— at 110 V rated value</li> </ul>	
<ul> <li>— at 220 V rated value</li> <li>— at 440 V rated value</li> <li>— at 600 V rated value</li> <li>• with 2 current paths in series at DC-3 at DC-5</li> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> <li>1 A</li> <li>1 A</li> <li>1 A</li> </ul>	
<ul> <li>— at 440 V rated value 0.09 A</li> <li>— at 600 V rated value 0.06 A</li> <li>• with 2 current paths in series at DC-3 at DC-5</li> <li>— at 24 V rated value 35 A</li> <li>— at 60 V rated value 35 A</li> <li>— at 110 V rated value 15 A</li> </ul>	
<ul> <li>at 600 V rated value</li> <li>with 2 current paths in series at DC-3 at DC-5</li> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>15 A</li> </ul>	
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> <li>— at 24 V rated value</li> <li>— at 60 V rated value</li> <li>— at 110 V rated value</li> <li>15 A</li> </ul>	
<ul> <li>at 24 V rated value</li> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>15 A</li> </ul>	
<ul> <li>at 60 V rated value</li> <li>at 110 V rated value</li> <li>15 A</li> </ul>	
— 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 60 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-2 at 400 V rated value     4 kW	
• at AC-3	
— at 230 V rated value 2.2 kW	
— at 400 V rated value 4 kW	
— at 500 V rated value 4 kW	
— at 690 V rated value 7.5 kW	
• at AC-3e	
— at 230 V rated value 2.2 kW	
— at 400 V rated value 4 kW	
— at 500 V rated value 4 kW	
— at 690 V rated value 7.5 kW	
operating power for approx. 200000 operating cycles at AC-	
• at 400 V rated value 2 kW	
• at 690 V rated value 2.5 kW	
operating apparent power at AC-6a	
• up to 230 V for current peak value n=20 rated value 4.5 kVA	
• up to 400 V for current peak value n=20 rated value  7.8 kVA	
• up to 500 V for current peak value n=20 rated value  7.8 kVA	
• up to 690 V for current peak value n=20 rated value 10.7 kVA	
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value 3 kVA	
• up to 400 V for current peak value n=30 rated value 5.2 kVA	
• up to 500 V for current peak value n=30 rated value 5.2 kVA	
• up to 690 V for current peak value n=30 rated value 7.2 kVA	
short-time withstand current in cold operating state up to	
40 °C	
• limited to 1 s switching at zero current maximum  170 A; Use minimum cross-section acc. to AC-1 rated value	

limited to Englishing at any	470 At the minimum erece or district to AO 4 and the
Iimited to 5 s switching at zero current maximum	170 A; Use minimum cross-section acc. to AC-1 rated value
Iimited to 10 s switching at zero current maximum	140 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	104 A; Use minimum cross-section acc. to AC-1 rated value
Iimited to 60 s switching at zero current maximum	88 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	
• at AC	1 500 1/h
• at DC	1 500 1/h
operating frequency	
at AC-1 maximum	1 000 1/h
at AC-2 maximum	1 000 1/h
<ul><li>at AC-3 maximum</li></ul>	1 000 1/h
• at AC-3e maximum	1 000 1/h
at AC-4 maximum	300 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	
at 50 Hz rated value	200 280 V
at 60 Hz rated value	200 280 V
control supply voltage at DC rated value	200 280 V
operating range factor control supply voltage rated value of	
magnet coil at DC	
• initial value	0.7
full-scale value	1.1
operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.7 1.1
• at 60 Hz	0.7 1.1
design of the surge suppressor	with varistor
inrush current peak	25 A
duration of inrush current peak	30 µs
locked-rotor current mean value	0.1 A
locked-rotor current peak	0.13 A
duration of locked-rotor current	180 ms
holding current mean value	17 mA
apparent pick-up power of magnet coil at AC	
• at 50 Hz	12.7 VA
• at 60 Hz	14.7 VA
inductive power factor with closing power of the coil	17.1 47
• at 50 Hz	0.98
• at 60 Hz	0.98
apparent holding power	0.00
at minimum rated control supply voltage at DC	1.9 VA
at maximum rated control supply voltage at DC     at maximum rated control supply voltage at DC	1.9 VA
apparent holding power	
at minimum rated control supply voltage at AC	
— at 50 Hz	3.9 VA
— at 50 Hz	4.3 VA
at maximum rated control supply voltage at AC	, , ,
— at 50 Hz	3.9 VA
— at 50 Hz — at 60 Hz	4.3 VA
apparent holding power of magnet coil at AC	7.0 771
• at 50 Hz	3.9 VA
• at 60 Hz	4.3 VA
inductive power factor with the holding power of the coil	,,,
at 50 Hz	0.51
• at 50 Hz	0.56
closing power of magnet coil at DC	14.3 W
holding power of magnet coil at DC	1.9 W
	1.0 VV
closing delay  • at AC	50 80 ms
• at AC • at DC	50 80 ms
♥ at DC	00 00 IIIS

opening delay	
• at AC	30 50 ms
• at DC	30 50 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
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	1A
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
design of the miniature circuit breaker for short-circuit protection of the auxiliary circuit up to 230 V	C characteristic: 10 A; 0.4 kA
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	7.6 A
at 600 V rated value	9 A
yielded mechanical performance [hp]	
for single-phase AC motor	
— at 110/120 V rated value	1 hp
— at 230 V rated value	1 hp
• for 3-phase AC motor	2 ha
— at 200/208 V rated value	2 hp
— at 220/230 V rated value	3 hp
— at 460/480 V rated value	5 hp
— at 575/600 V rated value	7.5 hp
contact rating of auxiliary contacts according to UL	A600 / P600
Short-circuit protection	
design of the fuse link	
<ul> <li>for short-circuit protection of the main circuit</li> <li>— with type of coordination 1 required</li> </ul>	nG: 634 (690)/ 100k4) aM: 334 (600)/ 100k4) BS99: 634 (445)/ 90k4)
with type of coordination 1 required  - with type of assignment 2 required	gG: 63A (690V,100kA), aM: 32A (690V,100kA), BS88: 63A (415V,80kA) gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA)
with type of assignment 2 required     for short-circuit protection of the auxiliary switch required	gG: 25A (690V, 100KA), aM: 20A (690V, 100KA), BS88. 25A (415V,80KA)
	90. 10 A (000 V, 1 M)
Installation/ mounting/ dimensions	1/ 180° rotation possible on vertical mounting ourfaces can be tilted forward and
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	102 mm
width	45 mm

donth	107 mm
depth required spacing	107 111111
with side-by-side mounting	
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
	O IIIIII
<ul><li>for grounded parts</li><li>forwards</li></ul>	10 mm
— upwards	10 mm
— at the side	6 mm
— downwards	10 mm
• for live parts	10 IIIIII
— forwards	10 mm
— upwards	10 mm
— downwards	10 mm
— at the side	6 mm
Connections/ Terminals	Ollilli
type of electrical connection	
for main current circuit	spring-loaded terminals
for main current circuit     for auxiliary and control circuit	spring-loaded terminals spring-loaded terminals
at contactor for auxiliary contacts	Spring-toaded terminals  Spring-type terminals
of magnet coil	Spring-type terminals  Spring-type terminals
type of connectable conductor cross-sections	Opining type terminals
• for main contacts	
— solid	2x (1 10 mm²)
solid      solid or stranded	2x (1 10 mm²)
finely stranded with core end processing	2x (1 10 mm²)
finely stranded with core end processing     finely stranded without core end processing	2x (1 6 mm²)
for AWG cables for main contacts	2x (1 8)
connectable conductor cross-section for main contacts	27 (10 0)
• solid	1 10 mm²
• stranded	1 10 mm²
finely stranded with core end processing	1 6 mm²
finely stranded with core end processing     finely stranded without core end processing	1 6 mm²
connectable conductor cross-section for auxiliary contacts	1 0 111111
solid or stranded	0.5 2.5 mm²
finely stranded with core end processing	0.5 1.5 mm <sup>2</sup>
finely stranded without core end processing	0.5 2.5 mm <sup>2</sup>
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	
<ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>	Yes
<ul> <li>positively driven operation according to IEC 60947-5-1</li> </ul>	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	
<ul> <li>with low demand rate according to SN 31920</li> </ul>	40 %
<ul><li>with low demand rate according to SN 31920</li><li>with high demand rate according to SN 31920</li></ul>	40 % 73 %

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 Cortificatos	

Approvals Certificates

## **General Product Approval**







Confirmation



<u>KC</u>

General Product Approval

**EMV** 

**Test Certificates** 

Marine / Shipping





Special Test Certificate Type Test Certificates/Test Report





Marine / Shipping











**Miscellaneous** 

other

other

Railway

**Dangerous goods** 

**Environment** 

Confirmation

Special Test Certificate

**Transport Information** 



Environmental Confirmations

## Further information

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=3RT2023-2NP30

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2023-2NP30

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2023-2NP30

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

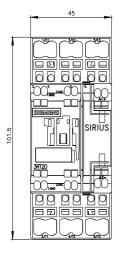
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2023-2NP30&lang=en

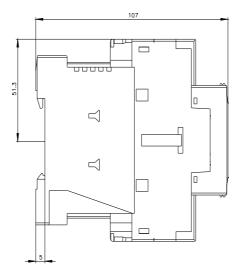
Characteristic: Tripping characteristics, I2t, Let-through current

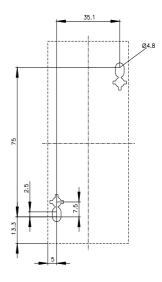
https://support.industry.siemens.com/cs/ww/en/ps/3RT2023-2NP30/char

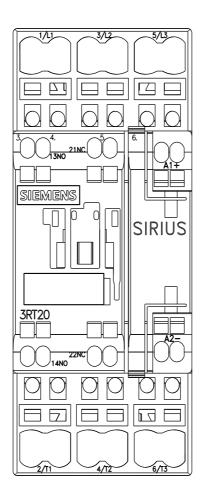
Further characteristics (e.g. electrical endurance, switching frequency)

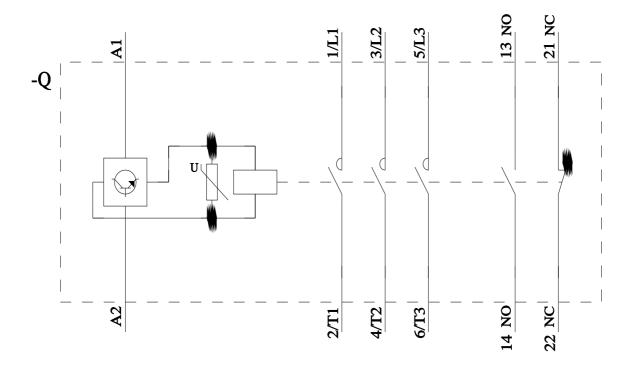
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2023-2NP30&objecttype=14&gridview=view1











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