# **SIEMENS**

Data sheet 3RT2045-1NB30



power contactor, AC-3e/AC-3, 80 A, 37 kW / 400 V, 3-pole, 20-33 V AC/DC, 50/60 Hz, with integrated varistor, auxiliary contacts: 1 NO + 1 NC, screw terminal

product brand name	SIRIUS	
product designation	Power contactor	
product type designation	3RT2	
General technical data		
size of contactor	S3	
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>	15.9 W	
<ul> <li>at AC in hot operating state per pole</li> </ul>	5.3 W	
<ul> <li>without load current share typical</li> </ul>	3.5 W	
insulation voltage		
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	1 000 V	
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	690 V	
surge voltage resistance		
of main circuit rated value	8 kV	
<ul> <li>of auxiliary circuit rated value</li> </ul>	6 kV	
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1	690 V	
shock resistance at rectangular impulse		
• at AC	10.3g / 5 ms, 6,.g / 10 ms	
• at DC	6.7 g / 5 ms, 4g / 10 ms	
shock resistance with sine pulse		
• at AC	16.3g / 5 ms, 10.g / 10 ms	
• at DC	10.6 g / 5 ms, 6.3 g / 10 ms	
mechanical service life (operating cycles)		
of contactor typical	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)	03/01/2017	
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		
<ul> <li>at AC-3 rated value maximum</li> </ul>	1 000 V	
<ul> <li>at AC-3e rated value maximum</li> </ul>	1 000 V	
operational current		
at AC-1 at 400 V at ambient temperature 40 °C	125 A	
rated value		
— up to 690 V at ambient temperature 40 °C	125 A	
rated value	1237	
— up to 690 V at ambient temperature 60 °C	105 A	
rated value		
• at AC-3		
— at 400 V rated value	80 A	
— at 500 V rated value	80 A	
— at 690 V rated value	58 A	
— at 1000 V rated value	30 A	
• at AC-3e	00.4	
— at 400 V rated value	80 A	
— at 500 V rated value	80 A	
— at 690 V rated value — at 1000 V rated value	58 A 30 A	
at AC-4 at 400 V rated value	66 A	
• at AC-5a up to 690 V rated value	110 A	
at AC-5b up to 400 V rated value	80 A	
• at AC-6a		
— up to 230 V for current peak value n=20 rated	80 A	
value  — up to 400 V for current peak value n=20 rated	80 A	
value — up to 500 V for current peak value n=20 rated value	80 A	
up to 690 V for current peak value n=20 rated value	58 A	
• at AC-6a		
— up to 230 V for current peak value n=30 rated value	54 A	
— up to 400 V for current peak value n=30 rated value	54 A	
— up to 500 V for current peak value n=30 rated value	54 A	
— up to 690 V for current peak value n=30 rated value	54 A	
minimum cross-section in main circuit at maximum AC-1 rated value	50 mm <sup>2</sup>	
operational current for approx. 200000 operating cycles at AC-4		
● at 400 V rated value	34 A	
at 690 V rated value	24 A	
operational current		
• at 1 current path at DC-1	400.4	
— at 24 V rated value	100 A	
— at 60 V rated value	60 A	
— at 110 V rated value — at 220 V rated value	9 A 2 A	
— at 440 V rated value	0.6 A	
— at 600 V rated value	0.4 A	
with 2 current paths in series at DC-1		
— at 24 V rated value	100 A	
— at 60 V rated value	100 A	
— at 110 V rated value	100 A	
— at 220 V rated value	10 A	
— at 440 V rated value	1.8 A	
— at 600 V rated value	1 A	

<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	100 A
— at 60 V rated value	100 A
— at 110 V rated value	100 A
— at 220 V rated value	80 A
— at 440 V rated value	4.5 A
— at 600 V rated value	2.6 A
• at 1 current path at DC-3 at DC-5	
— at 24 V rated value	40 A
— at 60 V rated value	6 A
— at 110 V rated value	2.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.15 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	100 A
— at 60 V rated value	100 A
— at 110 V rated value	100 A
— at 220 V rated value	7 A
— at 440 V rated value	0.42 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	100 A
— at 60 V rated value	100 A
— at 110 V rated value	100 A
— at 220 V rated value	35 A
— at 440 V rated value	0.8 A
— at 600 V rated value	0.35 A
operating power	
at AC-2 at 400 V rated value	37 kW
• at AC-3	
— at 230 V rated value	22 kW
— at 400 V rated value	37 kW
— at 500 V rated value	45 kW
— at 690 V rated value	55 kW
— at 1000 V rated value	37 kW
• at AC-3e	
— at 230 V rated value	22 kW
— at 400 V rated value	37 kW
— at 500 V rated value	45 kW
— at 690 V rated value	55 kW
— at 1000 V rated value	37 kW
operating power for approx. 200000 operating cycles	
at AC-4	
• at 400 V rated value	17.9 kW
at 690 V rated value	21.8 kW
operating apparent power at AC-6a	
• up to 230 V for current peak value n=20 rated value	31 kVA
• up to 400 V for current peak value n=20 rated value	55 kVA
• up to 500 V for current peak value n=20 rated value	69 kVA
• up to 690 V for current peak value n=20 rated value	69 kVA
operating apparent power at AC-6a	04.511/4
• up to 230 V for current peak value n=30 rated value	21.5 kVA
• up to 400 V for current peak value n=30 rated value	37.4 kVA
up to 500 V for current peak value n=30 rated value	46.7 kVA
up to 690 V for current peak value n=30 rated value      best time with stand asserting add asserting at the	64.5 kVA
short-time withstand current in cold operating state up to 40 °C	
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	1 500 A; Use minimum cross-section acc. to AC-1 rated value
limited to 5 s switching at zero current maximum	1 186 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	851 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	538 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	423 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	

• at AC	1 000 1/h	
• at DC	1 000 1/h	
operating frequency		
<ul><li>at AC-1 maximum</li></ul>	900 1/h	
<ul> <li>at AC-2 maximum</li> </ul>	400 1/h	
<ul><li>at AC-3 maximum</li></ul>	1 000 1/h	
<ul> <li>at AC-3e maximum</li> </ul>	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	Noise	
• at 50 Hz rated value	20 33 V	
at 60 Hz rated value	20 33 V	
control supply voltage at DC	20 00 V	
• rated value	20 33 V	
operating range factor control supply voltage rated	20 30 V	
value of magnet coil at DC		
• initial value	0.8	
full-scale value	1.1	
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 varistor	
inrush current peak	6.5 A	
duration of inrush current peak	50 μs	
locked-rotor current mean value	3.2 A	
locked-rotor current peak	6.5 A	
duration of locked-rotor current	150 ms	
holding current mean value	75 mA	
apparent pick-up power of magnet coil at AC		
● at 50 Hz	151 VA	
● at 60 Hz	151 VA	
apparent holding power of magnet coil at AC		
● at 50 Hz	3.5 VA	
● at 60 Hz	3.5 VA	
closing power of magnet coil at DC	76 W	
holding power of magnet coil at DC	2.7 W	
closing delay		
• at AC	50 70 ms	
• at DC	50 70 ms	
opening delay		
• at AC	38 57 ms	
• at DC	38 57 ms	
arcing time	10 20 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	6 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 40 V rated value     at 60 V rated value	6 A	
at 110 V rated value	3 A	
at 110 V rated value     at 125 V rated value	2 A	
at 123 V rated value     at 220 V rated value	1 A	
at 220 v rated value	171	

<ul> <li>at 600 V rated value</li> </ul>	0.15 A	
operational current at DC-13		
<ul> <li>at 24 V rated value</li> </ul>	10 A	
<ul> <li>at 48 V rated value</li> </ul>	2 A	
<ul> <li>at 60 V rated value</li> </ul>	2 A	
<ul> <li>at 110 V rated value</li> </ul>	1 A	
<ul> <li>at 125 V rated value</li> </ul>	0.9 A	
<ul> <li>at 220 V rated value</li> </ul>	0.3 A	
<ul><li>at 600 V rated value</li></ul>	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	77 A	
<ul> <li>at 600 V rated value</li> </ul>	62 A	
yielded mechanical performance [hp]		
for single-phase AC motor		
— at 110/120 V rated value	7.5 hp	
— at 230 V rated value	15 hp	
• for 3-phase AC motor		
— at 200/208 V rated value	25 hp	
— at 220/230 V rated value	30 hp	
— at 460/480 V rated value	60 hp	
— at 450/460 V rated value	60 hp	
contact rating of auxiliary contacts according to UL	A600 / P600	
	7,000 / 1 000	
Short-circuit protection		
design of the fuse link		
for short-circuit protection of the main circuit		
<ul> <li>— with type of coordination 1 required</li> </ul>	gG: 250 A (690 V, 100 kA), aM: 160 A (690 V, 100 kA), BS88: 200 A (415 V, 80 kA)	
— with type of assignment 2 required	gG: 160A (690V,100kA), aM: 80A (690V,100kA), BS88: 125A	
— with type of assignment 2 required	(415V,80kA)	
for short-circuit protection of the auxiliary switch	gG: 10 A (500 V, 1 kA)	
required	go. 1071 (000 v, 110 l)	
Installation/ mounting/ dimensions		
	+/-180° rotation possible on vertical mounting surface: can be tilted	
mounting position	+/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface	
mounting position	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	
mounting position	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN	
mounting position 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	
mounting position  fastening method  • side-by-side mounting	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  Yes	
mounting position  fastening method  • side-by-side mounting height	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  Yes 140 mm	
mounting position  fastening method  • side-by-side mounting height width	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  Yes 140 mm 70 mm	
mounting position  fastening method  • side-by-side mounting height width depth	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  Yes 140 mm 70 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  Yes 140 mm 70 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing • with side-by-side mounting	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  Yes 140 mm 70 mm 152 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  Yes 140 mm 70 mm 152 mm  20 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  Yes 140 mm 70 mm 152 mm  20 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  Yes 140 mm 70 mm 152 mm  20 mm 10 mm 10 mm 0 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715  Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 0 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — upwards — at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 0 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side  • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 10 mm 10 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side — downwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 10 mm 10 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side — forwards — at the side — forwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side — forwards — upwards — at the side — downwards — at the side — downwards — upwards — torwards — upwards — upwards	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — upwards — downwards — at the side — downwards — at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side  • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — downwards — upwards — at the side — downwards — at the side — downwards — at the side	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side — for live parts — forwards — upwards — upwards — at the side — downwards — at the side — downwards — at the side — downwards — at the side Connections/ Terminals type of electrical connection	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — upwards — at the side Connections/ Terminals  type of electrical connection • for main current circuit	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards — upwards — upwards — at the side  Connections/ Terminals  type of electrical connection • for main current circuit • for auxiliary and control circuit	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 10 mm	
mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • for live parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — at the side — downwards — torwards — upwards — torwards — upwards — torwards — upwards — torwards — upwards — tormards — tormard	forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes 140 mm 70 mm 152 mm  20 mm 10 mm 0 mm 10 mm	

type of connectable conductor cross-sections for main contacts

finely stranded with core end processing

connectable conductor cross-section for main contacts

- solid
- 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

- 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

- for main contacts
- · for auxiliary contacts

2x (2.5 ... 35 mm²), 1x (2.5 ... 50 mm²)

2.5 ... 16 mm²

6 ... 70 mm<sup>2</sup>

2.5 ... 50 mm<sup>2</sup>

0.5 ... 2.5 mm<sup>2</sup>

0.5 ... 2.5 mm<sup>2</sup>

2x (0.5 ... 1.5 mm²), 2x (0.75 ... 2.5 mm²)

2x (0.5 ... 1.5 mm<sup>2</sup>), 2x (0.75 ... 2.5 mm<sup>2</sup>)

2x (20 ... 16), 2x (18 ... 14)

10 ... 2

20 ... 14

## Safety related data

### product function

• mirror contact according to IEC 60947-4-1

 positively driven operation according to IEC 60947-5-1

 $\ensuremath{\mathsf{B10}}$  value with high demand rate according to SN 31920

proportion of dangerous failures

• with low demand rate according to SN 31920

• with high demand rate according to SN 31920

failure rate [FIT] with low demand rate according to SN 31920

T1 value for proof test interval or service life according to IEC 61508

protection class IP on the front according to IEC 60529

touch protection on the front according to IEC 60529 suitability for use

- safety-related switching on
- safety-related switching OFF

Yes

No

1 000 000

40 %

73 %

100 FIT

20 a

IP20

finger-safe, for vertical contact from the front

No

Yes

#### Certificates/ approvals

#### **General Product Approval**



Confirmation



௱

<u>KC</u>



**EMC** 

Functional Safety/Safety of Machinery

**Declaration of Conformity** 

**Test Certificates** 



Type Examination Certificate



C (

Type Test Certificates/Test Report

Special Test Certificate

Marine / Shipping













other	Railway	Dangerous Good

<u>Confirmation</u> <u>Vibration and Shock</u> <u>Transport Information</u>

### **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=3RT2045-1NB30

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2045-1NB30

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2045-1NB30

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

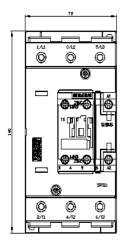
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2045-1NB30&lang=en

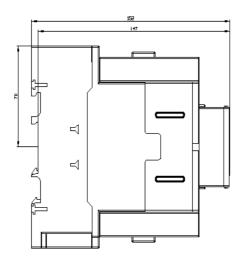
Characteristic: Tripping characteristics, I2t, Let-through current

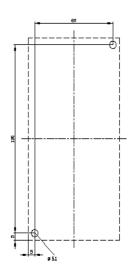
https://support.industry.siemens.com/cs/ww/en/ps/3RT2045-1NB30/char

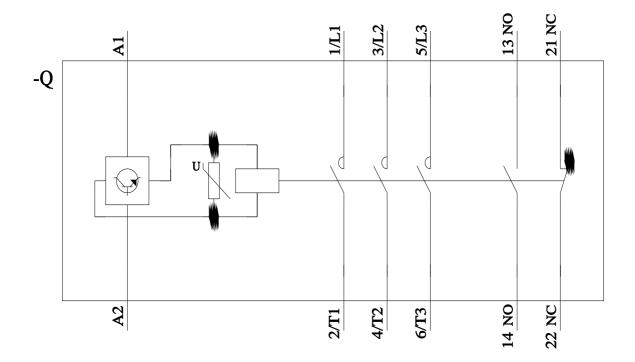
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2045-1NB30&objecttype=14&gridview=view1









last modified: 2/10/2023 🖸