# **SIEMENS**

Data sheet 3RT2026-2NP30



power contactor, AC-3e/AC-3, 25 A, 11 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

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
<ul> <li>auxiliary switch</li> </ul>	Yes
power loss [W] for rated value of the current	
<ul> <li>at AC in hot operating state</li> </ul>	5.7 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	1.9 W
<ul> <li>without load current share typical</li> </ul>	4.3 W
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
<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	400 V
shock resistance at rectangular impulse	
• at AC	8,3g / 5 ms, 5,3g / 10 ms
• at DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at AC	13,5g / 5 ms, 8,3g / 10 ms
• at DC	15g / 5 ms, 10g / 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)	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	
<ul> <li>at AC-3 rated value maximum</li> </ul>	690 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current	
at AC-1 at 400 V at ambient temperature 40 °C rated value	40 A
• at AC-1	40.4
— up to 690 V at ambient temperature 40 °C rated value	40 A
<ul> <li>up to 690 V at ambient temperature 60 °C rated value</li> <li>at AC-3</li> </ul>	35 A
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-3e	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-4 at 400 V rated value	15.5 A
• at AC-5a up to 690 V rated value	35.2 A
<ul> <li>at AC-5b up to 400 V rated value</li> </ul>	20.7 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	20.2 A
— up to 400 V for current peak value n=20 rated value	20.2 A 20.2 A
<ul> <li>up to 500 V for current peak value n=20 rated value</li> <li>up to 690 V for current peak value n=20 rated</li> </ul>	12.9 A
value  • at AC-6a	
— up to 230 V for current peak value n=30 rated value	13.5 A
<ul> <li>up to 400 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated</li> </ul>	13.5 A 13.5 A
value  — up to 690 V for current peak value n=30 rated	13 A
value minimum cross-section in main circuit at maximum AC-1	10 mm <sup>2</sup>
rated value operational current for approx. 200000 operating	
cycles at AC-4	
• at 400 V rated value	9 A
at 690 V rated value	9 A
operational current	
• at 1 current path at DC-1	05.4
— 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 — at 600 V rated value	0.4 A 0.25 A
	0.23 A
with 2 current paths in series at DC-1  — at 24 V rated value	35 A
— at 24 V rated value  — at 60 V rated value	35 A
— at 110 V rated value  — at 110 V rated value	35 A
— at 220 V rated value	35 A 5 A
— at 440 V rated value	1 A
— at 600 V rated value	0.8 A
with 3 current paths in series at DC-1	0.07.
— at 24 V rated value	35 A

at 60 V rated value	25 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.	20.4
— at 24 V rated value	20 A 5 A
— at 60 V rated value	
— at 110 V rated value  — at 220 V rated value	2.5 A 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	0.00 A
— 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	
— 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-3	
— at 230 V rated value	5.5 kW
— at 400 V rated value	11 kW
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
• at AC-3e	
— at 230 V rated value	5.5 kW
— at 400 V rated value	11 kW
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
operating power for approx. 200000 operating cycles at AC-4	
<ul> <li>at 400 V rated value</li> </ul>	4.4 kW
<ul> <li>at 690 V rated value</li> </ul>	7.7 kW
operating apparent power at AC-6a	
<ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>	8 kVA
<ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	13.9 kVA
<ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul>	17.4 kVA
• up to 690 V for current peak value n=20 rated value	15.4 kVA
operating apparent power at AC-6a	
<ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>	5.3 kVA
• up to 400 V for current peak value n=30 rated value	9.3 kVA
• up to 500 V for current peak value n=30 rated value	11.6 kVA
<ul> <li>up to 690 V for current peak value n=30 rated value short-time withstand current in cold operating state up to 40 °C</li> </ul>	15.5 kVA
<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	375 A; Use minimum cross-section acc. to AC-1 rated value
limited to 7 s switching at zero current maximum	300 A; Use minimum cross-section acc. to AC-1 rated value
limited to 3 switching at zero current maximum	210 A; Use minimum cross-section acc. to AC-1 rated value
limited to 30 s switching at zero current maximum	144 A; Use minimum cross-section acc. to AC-1 rated value
limited to 60 s switching at zero current maximum	118 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	,
• at AC	1 500 1/h
• at DC	1 500 1/h
operating frequency	
at AC-1 maximum	1 000 1/h
• at AC-2 maximum	750 1/h

<ul> <li>at AC-3e maximum</li> <li>at AC-4 maximum</li> <li>Control circuit/ Control</li> </ul>	50 1/h 50 1/h 50 1/h
• at AC-4 maximum  Control circuit/ Control	50 1/h
tune of voltage of the central cumply veltage	
type of voltage of the control supply voltage AC	C/DC
control supply voltage at AC	
	00 280 V
	00 280 V
control supply voltage at DC	000.1/
<ul> <li>rated value</li> <li>operating range factor control supply voltage rated</li> </ul>	00 280 V
value of magnet coil at DC	
• initial value 0.7	7
• full-scale value 1.1	1
operating range factor control supply voltage rated value of magnet coil at AC	
	7 1.1
	7 1.1
monger of the cargo carpping	ith varistor
	5 A
·	) µs 1 A
	13 A
Tooliou Totol Guillone pount	30 ms
holding current mean value 17	7 mA
apparent pick-up power of magnet coil at AC	
• at 50 Hz	2.7 VA
	4.7 VA
inductive power factor with closing power of the coil	
• at 50 Hz	
• at 60 Hz 0.9	96
apparent holding power of magnet coil at AC  • at 50 Hz  3.9	9 VA
	3 VA
inductive power factor with the holding power of the coil	
• at 50 Hz 0.5	51
• at 60 Hz	56
0.1	4.3 W
31	9 W
closing delay	0.00
	0 80 ms 0 80 ms
opening delay	7 OV 1113
	) 50 ms
	0 50 ms
3	0 10 ms
	andard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous contact	
number of NO contacts for auxiliary contacts instantaneous contact	
	) A
operational current at AC-15	
	) A ^
<ul> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>2 A</li> </ul>	
<ul> <li>at 500 V rated value</li> <li>at 690 V rated value</li> <li>1 A</li> </ul>	
operational current at DC-12	
	) A
• at 48 V rated value 6 A	A
• at 60 V rated value 6 A	A
• at 110 V rated value 3 A	A

a at 135 V rated value	2 A
<ul> <li>at 125 V rated value</li> <li>at 220 V rated value</li> </ul>	1 A
at 600 V rated value	0.15 A
operational current at DC-13	0.15 A
• at 24 V rated value	10 A
at 48 V rated value	2 A
at 40 V rated value     at 60 V rated value	2 A
at 100 V rated value     at 110 V rated value	1 A
at 175 V rated value     at 125 V rated value	0.9 A
at 123 V rated value     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	risally contouring per roominion (17-17, 1-18-17)
full-load current (FLA) for 3-phase AC motor	
• at 480 V rated value	21 A
at 600 V rated value	22 A
yielded mechanical performance [hp]	
for single-phase AC motor	
— at 110/120 V rated value	2 hp
— at 230 V rated value	3 hp
• for 3-phase AC motor	
— at 200/208 V rated value	5 hp
— at 220/230 V rated value	7.5 hp
— at 460/480 V rated value	15 hp
— at 575/600 V rated value	20 hp
contact rating of auxiliary contacts according to UL	A600 / P600
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit	
— with type of coordination 1 required	gG: 100 A (690 V, 100 kA), aM: 50 A (690 V, 100 kA), BS88: 100 A (415
	V, 80 kA)
<ul> <li>— with type of assignment 2 required</li> </ul>	gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V,
	80kA)
<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	80kA) gG: 10 A (500 V, 1 kA)
required	gG: 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted
required Installation/ mounting/ dimensions	gG: 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN
required Installation/ mounting/ dimensions mounting position fastening method	gG: 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted 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
required Installation/ mounting/ dimensions mounting position fastening method  • side-by-side mounting	gG: 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm DIN rail according to DIN EN
required Installation/ mounting/ dimensions mounting position fastening method	gG: 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted 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
required Installation/ mounting/ dimensions mounting position fastening method  • side-by-side mounting height	gG: 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm
required  Installation/ mounting/ dimensions  mounting position  fastening method  • side-by-side mounting height width	gG: 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm 45 mm
required  Installation/ mounting/ dimensions  mounting position  fastening method  • side-by-side mounting height width depth	gG: 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm 45 mm
required  Installation/ mounting/ dimensions  mounting position  fastening method  • side-by-side mounting height width depth required spacing	gG: 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm 45 mm
required  Installation/ mounting/ dimensions  mounting position  fastening method  • side-by-side mounting height width depth required spacing • with side-by-side mounting	yes 102 mm  4/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm  45 mm  107 mm
required  Installation/ mounting/ dimensions  mounting position  fastening method  • side-by-side mounting height width depth required spacing • with side-by-side mounting — forwards	yes 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm 45 mm 107 mm
required  Installation/ mounting/ dimensions  mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards	yes 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm 45 mm 107 mm
required  Installation/ mounting/ dimensions  mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting — forwards — upwards — downwards	yes  +/-180° rotation possible on vertical mounting surface; can be tilted 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  102 mm  45 mm  107 mm  10 mm  10 mm
required  Installation/ mounting/ dimensions  mounting position  fastening method  • side-by-side mounting height width depth required spacing  • with side-by-side mounting  — forwards  — upwards  — downwards  — at the side	yes  +/-180° rotation possible on vertical mounting surface; can be tilted 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  102 mm  45 mm  107 mm  10 mm  10 mm
required  Installation/ mounting/ dimensions  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	yes 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm 45 mm 107 mm  10 mm 10 mm 10 mm 10 mm
required  Installation/ mounting/ dimensions  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	yes 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm 45 mm 107 mm  10 mm 10 mm 10 mm 10 mm
required  Installation/ mounting/ dimensions  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 • at the side — downwards — at the side — downwards	yes 10 A (500 V, 1 kA)  +/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm 45 mm 107 mm  10 mm 10 mm 10 mm 10 mm 10 mm
required  Installation/ mounting/ dimensions  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 — downwards — at the side — downwards • for live parts	#/-180° rotation possible on vertical mounting surface; can be tilted 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  102 mm  45 mm  10 mm
required  Installation/ mounting/ dimensions  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 • of or grounded parts — forwards — at the side — downwards — at the side — forwards — at the side — forwards — at the side — forwards	#/-180° rotation possible on vertical mounting surface; can be tilted 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  102 mm  45 mm  10 mm
required  Installation/ mounting/ dimensions  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 • of or grounded parts — forwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards — upwards — upwards	#/-180° rotation possible on vertical mounting surface; can be tilted 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  102 mm  45 mm  10 mm
required  Installation/ mounting/ dimensions  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 — at the side — downwards • for live parts — forwards — upwards — downwards • for live parts — forwards — upwards — upwards — downwards — upwards — downwards	#/-180° rotation possible on vertical mounting surface; can be tilted 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  102 mm  45 mm  10 mm
required  Installation/ mounting/ dimensions  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 — at the side — downwards • at the side — downwards • for live parts — forwards — upwards — upwards — downwards — downwards — at the side — downwards — at the side	#/-180° rotation possible on vertical mounting surface; can be tilted 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  102 mm  45 mm  10 mm
required  Installation/ mounting/ dimensions  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 — at the side — downwards • for live parts — forwards — upwards — downwards • for live parts — forwards — upwards — upwards — downwards — upwards — downwards	+/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm 45 mm 107 mm 10 mm
required  Installation/ mounting/ dimensions  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 — at the side — downwards • at the side — downwards • for live parts — forwards — upwards — upwards — downwards — downwards — at the side — downwards — at the side	+/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm 45 mm 107 mm 10 mm
required  Installation/ mounting/ dimensions  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 — upwards — at the side — downwards  • for live parts — forwards — upwards — at the side  Connections/ Terminals  type of electrical connection • for main current circuit	+/-180° rotation possible on vertical mounting surface; can be tilted 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 102 mm 45 mm 107 mm 10 mm
required  Installation/ mounting/ dimensions  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 — at the side — downwards • for live parts — forwards — upwards — upwards — upwards — at the side Connections/ Terminals  type of electrical connection	### Head of the control of the contr

• at contactor for auxiliary contacts Spring-type terminals • of magnet coil Spring-type terminals type of connectable conductor cross-sections for main contacts solid 2x (1 ... 10 mm²) solid or stranded 2x (1 ... 10 mm<sup>2</sup>) finely stranded with core end processing 2x (1 ... 6 mm<sup>2</sup>) • finely stranded without core end processing 2x (1 ... 6 mm<sup>2</sup>) connectable conductor cross-section for main contacts 1 ... 10 mm<sup>2</sup> solid stranded 1 ... 10 mm<sup>2</sup> • finely stranded with core end processing 1 ... 6 mm<sup>2</sup> 1 ... 6 mm<sup>2</sup> • finely stranded without core end processing connectable conductor cross-section for auxiliary contacts solid or stranded 0.5 ... 2.5 mm<sup>2</sup> • finely stranded with core end processing 0.5 ... 1.5 mm<sup>2</sup> 0.5 ... 2.5 mm<sup>2</sup> • finely stranded without core end processing 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 mm<sup>2</sup>) - finely stranded without core end processing 2x (0.5 ... 2.5 mm²) • at AWG cables for auxiliary contacts 2x (20 ... 14) AWG number as coded connectable conductor cross section • for main contacts 18 ... 8 for auxiliary contacts 20 ... 14

Safety related data

## product function

• mirror contact according to IEC 60947-4-1 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 OFF

Yes

450 000

40 %

73 %

100 FIT

20 a

IP20

finger-safe, for vertical contact from the front

Yes

Certificates/ approvals

**General Product Approval** 



Confirmation





**KC** 



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



Type Examination **Certificate** 





Type Test Certificates/Test Report

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

**Test Certificates** 

### Marine / Shipping

**Miscellaneous** 











Marine / Shipping

other

Railway





Confirmation



Confirmation Vibration and Shock

## **Dangerous Good**

<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=3RT2026-2NP30

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT2026-2NP30}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-2NP30

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

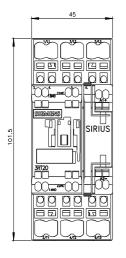
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2026-2NP30&lang=en

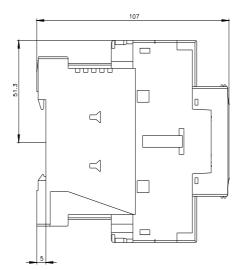
Characteristic: Tripping characteristics,  $I^2t$ , Let-through current

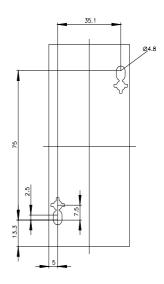
https://support.industry.siemens.com/cs/ww/en/ps/3RT2026-2NP30/char

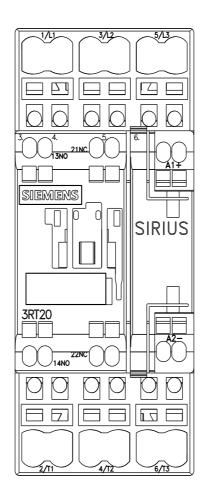
Further characteristics (e.g. electrical endurance, switching frequency)

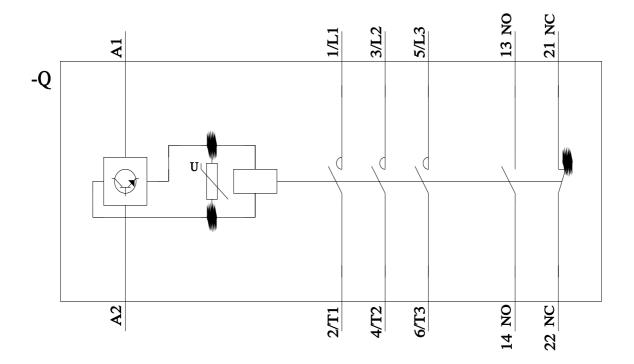
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2026-2NP30&objecttype=14&gridview=view1











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