SIEMENS

Data sheet 3RT1076-2NB36



power contactor, AC-3e/AC-3 500 A, 250 kW / 400 V AC (50-60 Hz) / DC Uc: 21-27.3 V PLC input 24 V DC 3-pole, auxiliary contacts 2 NO + 2 NC drive: electronic main circuit: busbar control and auxiliary circuit: spring-loaded terminal

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT1
General technical data	
size of contactor	S12
product extension	
• function module for communication	No
auxiliary switch	Yes
power loss [W] for rated value of the current	
• at AC in hot operating state	165 W
• at AC in hot operating state per pole	55 W
 without load current share typical 	3.6 W
type of calculation of power loss depending on pole	quadratic
insulation voltage	
 of main circuit with degree of pollution 3 rated value 	1 000 V
 of auxiliary circuit with degree of pollution 3 rated value 	500 V
surge voltage resistance	
 of main circuit rated value 	8 kV
of auxiliary circuit rated value	6 kV
maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1	690 V
shock resistance at rectangular impulse	
• at AC	8,5g / 5 ms, 4,2g / 10 ms
• at DC	8,5g / 5 ms, 4,2g / 10 ms
shock resistance with sine pulse	
• at AC	13,4g / 5 ms, 6,5g / 10 ms
• at DC	13,4g / 5 ms, 6,5g / 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)	05/01/2012
SVHC substance name	Lead - 7439-92-1
Weight	10.54 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	
lain 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 	1 000 V
at AC-3e rated value maximum	1 000 V
operational current	
at AC-1 at 400 V at ambient temperature 40 °C rated	610 A
value	
• at AC-1	040.4
 up to 690 V at ambient temperature 40 °C rated value 	610 A
— up to 690 V at ambient temperature 60 °C rated value	550 A
 up to 1000 V at ambient temperature 40 °C rated value 	200 A
— up to 1000 V at ambient temperature 60 $^{\circ}\text{C}$ rated value	200 A
• at AC-3	
— at 400 V rated value	500 A
— at 500 V rated value	500 A
— at 690 V rated value	450 A
— at 1000 V rated value	180 A
• at AC-3e	
— at 400 V rated value	500 A
— at 500 V rated value	500 A
— at 690 V rated value	450 A
— at 1000 V rated value	180 A
at AC-4 at 400 V rated value	430 A
at AC-5a up to 690 V rated value	536 A
at AC-5b up to 400 V rated value	415 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	414 A
— up to 400 V for current peak value n=20 rated value	414 A
— up to 500 V for current peak value n=20 rated value	414 A
— up to 690 V for current peak value n=20 rated value	414 A
— up to 1000 V for current peak value n=20 rated	180 A
value	100 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated value	276 A
— up to 400 V for current peak value n=30 rated value	276 A
— up to 500 V for current peak value n=30 rated value	276 A
— up to 690 V for current peak value n=30 rated value	276 A
up to 1000 V for current peak value n=30 rated value	180 A
minimum cross-section in main circuit at maximum AC-1 rated value	370 mm²
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	175 A
at 690 V rated value	150 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	400 A
— at 60 V rated value	330 A
— at 110 V rated value	33 A
— at 220 V rated value	3.8 A
— at 440 V rated value	0.9 A
— at 600 V rated value	0.6 A
• with 2 current paths in series at DC-1	
— at 24 V rated value	400 A

— at 60 V rated value	400 A
— at 110 V rated value	400 A
— at 220 V rated value	400 A
— at 440 V rated value	4 A
— at 600 V rated value	2 A
 with 3 current paths in series at DC-1 	
— at 24 V rated value	400 A
— at 60 V rated value	400 A
— at 110 V rated value	400 A
— at 220 V rated value	400 A
— at 440 V rated value	11 A
— at 600 V rated value	5.2 A
 at 1 current path at DC-3 at DC-5 	
— at 24 V rated value	400 A
— at 60 V rated value	11 A
— at 220 V rated value	0.6 A
— at 440 V rated value	0.18 A
— at 600 V rated value	0.125 A
 with 2 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	400 A
— at 60 V rated value	400 A
— at 110 V rated value	400 A
— at 220 V rated value	2.5 A
— at 440 V rated value	0.65 A
— at 600 V rated value	0.37 A
 with 3 current paths in series at DC-3 at DC-5 	
— at 24 V rated value	400 A
— at 60 V rated value	400 A
— at 110 V rated value	400 A
— at 220 V rated value	400 A
— at 440 V rated value	1.4 A
— at 600 V rated value	0.75 A
operating power	
• at AC-3	
— at 230 V rated value	160 kW
— at 400 V rated value	250 kW
— at 500 V rated value	315 kW
— at 690 V rated value	400 kW
— at 1000 V rated value	250 kW
• at AC-3e	
— at 230 V rated value	160 kW
— at 400 V rated value	250 kW
— at 500 V rated value	315 kW
— at 690 V rated value	400 kW
— at 1000 V rated value	250 kW
operating power for approx. 200000 operating cycles at AC-	
at 400 V rated value	98 kW
at 400 V rated value at 690 V rated value	148 kW
operating apparent power at AC-6a	170 KW
up to 230 V for current peak value n=20 rated value	160 000 kVA
 up to 400 V for current peak value n=20 rated value 	280 000 VA
 up to 500 V for current peak value n=20 rated value 	350 000 VA
 up to 690 V for current peak value n=20 rated value 	490 000 VA
up to 1000 V for current peak value n=20 rated value up to 1000 V for current peak value n=20 rated value	310 000 VA
operating apparent power at AC-6a	0.0 000 V/1
• up to 230 V for current peak value n=30 rated value	110 000 VA
 up to 400 V for current peak value n=30 rated value 	190 000 VA
 up to 400 V for current peak value n=30 rated value 	230 000 VA
 up to 500 V for current peak value n=30 rated value 	330 000 VA
 up to 690 V for current peak value n=30 rated value up to 1000 V for current peak value n=30 rated value 	310 000 VA
- ap to 1000 v for current peak value II-30 fateu value	OTO OOU VA

short-time withstand current in cold operating state up to 40 °C	
limited to 1 s switching at zero current maximum	7 484 A; Use minimum cross-section acc. to AC-1 rated value
limited to 5 s switching at zero current maximum	7 484 A; Use minimum cross-section acc. to AC-1 rated value
limited to 10 s switching at zero current maximum	5 978 A; Use minimum cross-section acc. to AC-1 rated value
limited to 30 s switching at zero current maximum	3 765 A; Use minimum cross-section acc. to AC-1 rated value
limited to 60 s switching at zero current maximum	2 887 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	2 557 74 555 1111111111111111111111111111
• at AC	1 000 1/h
• at DC	1 000 1/h
operating frequency	1 000 1/11
at AC-1 maximum	500 1/h
• at AC-2 maximum	170 1/h
• at AC-3 maximum	420 1/h
at AC-3e maximum	420 1/h
• at AC-4 maximum	130 1/h
Control circuit/ Control	100 1/11
	ACIDO
type of voltage of the control supply voltage	AC/DC
control supply voltage at AC	21 27 3 V
at 50 Hz rated value at 60 Hz rated value	21 27.3 V
at 60 Hz rated value	21 27.3 V
control supply voltage at DC rated value	21 27.3 V
operating range factor control supply voltage rated 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
type of PLC-control input according to IEC 60947-1	Type 2
consumed current at PLC-control input according to IEC 60947-1 maximum	20 mA
voltage at PLC-control input rated value	24 V
operating range factor of the voltage at PLC-control input	0.8 1.1
design of the surge suppressor	with varistor
apparent pick-up power	
at minimum rated control supply voltage at AC	
— at 50 Hz	560 VA
— at 60 Hz	560 VA
at maximum rated control supply voltage at AC	
— at 60 Hz	750 VA
— at 50 Hz	750 VA
apparent pick-up power of magnet coil at AC	
• at 50 Hz	750 VA
• at 60 Hz	750 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.8
• at 60 Hz	0.8
apparent holding power	
at minimum rated control supply voltage at DC	3 VA
at maximum rated control supply voltage at DC	3.6 VA
apparent holding power	
at minimum rated control supply voltage at AC	
— at 50 Hz	5.6 VA
— at 60 Hz	5.6 VA
at maximum rated control supply voltage at AC	
— at 50 Hz	9 VA
— at 60 Hz	9 VA
inductive power factor with the holding power of the coil	
at 50 Hz	0.5
• at 60 Hz	0.4
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closing newer of magnet call of DC	900 W
closing power of magnet coil at DC	800 W
holding power of magnet coil at DC	3.6 W
closing delay • at AC	60 90 ms
• at DC	60 90 ms
opening delay	60 90 IIIS
• at AC	80 100 ms
• at DC	80 100 ms
arcing time	10 15 ms
control version of the switch operating mechanism	PLC-IN or Standard A1 - A2 (adjustable)
Auxiliary circuit	PLC-IN OF Standard AT - AZ (adjustable)
number of NC contacts for auxiliary contacts instantaneous	2
contact	2
number of NO contacts for auxiliary contacts instantaneous contact	2
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 60 V rated value	6 A
at 110 V rated value	3 A
• at 125 V rated value	2 A
at 220 V rated value	1 A
at 600 V rated value	0.15 A
operational current at DC-13	
at 24 V rated value	10 A
• at 48 V rated value	2 A
at 60 V rated value	2 A
at 110 V rated value	1 A
at 125 V rated value	0.9 A
at 220 V rated value	0.3 A
at 600 V rated value	0.1 A
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	477 A
• at 600 V rated value	472 A
yielded mechanical performance [hp]	
for 3-phase AC motor at 200/208 V rated value.	150 hp
— at 200/208 V rated value	150 hp
— at 220/230 V rated value	200 hp
— at 460/480 V rated value	400 hp
— at 575/600 V rated value	500 hp A600 / Q600
contact rating of auxiliary contacts according to UL Short-circuit protection	A000 / Q000
design of the fuse link	
for short-circuit protection of the main circuit	aG: 630 A (690 V 100 kA)
with type of coordination 1 required with type of assignment 2 required.	gG: 630 A (690 V, 100 kA)
— with type of assignment 2 required	gG: 500 A (690 V, 100 kA), aM: 500 A (690 V, 50 kA), BS88: 500 A (415 V, 50 kA)
• for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)
nstallation/ mounting/ dimensions	
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
fastening method side-by-side mounting	Yes
fastening method	screw fixing
height	214 mm

Description Convarts	width	160 mm
• with aide-by-eitle mounting	depth	225 mm
— forwards — downwards — of wards — of wards — of wards — of wards — of regrence pats — forwards — opwards — of man — of the side — opwards — of man — of wards — opwards — opwards — of man — of wards — opwards — opw	-	
- upwards	with side-by-side mounting	
- downwards	— forwards	20 mm
	— upwards	10 mm
• for grounded parts	— downwards	10 mm
- forwards	— at the side	0 mm
- forwards	for grounded parts	
- upwards 10 mm 1		20 mm
alt he side 10 mm		
For Inversaria Forwards Fo	•	
- for live parts - forwards - upwards - downwards - at the side - at the side - and the side - and the side - and the side - formanctions/ terminals type of electrical connection - for auxiliary and control circuit - at contactor for auxiliary contacts - at contactor cross-section for auxiliary contacts - at contactor cross-section for auxiliary contacts - at connectable conductor cross-section for auxiliary contacts - at contactor cross-section for auxiliary contacts - a contactor cross-section for auxilia		
- forwards		No triali
- upwards	·	20 mm
- downwards — at the side 10 mm - at the side 10 mm Connections Terminals type of electrical connection • for main current circuit contact spring-loaded terminals • at contactor for auxiliary contacts Spring-type terminals • of magnet coil Spring-type terminals • of magnet coil Spring-type terminals • dramaged connection bar 25 mm thickness of connection bar 6 mm diameter of holes 11 mm number of holes 11 mm number of holes 11 mm number of holes 12 mm type of connectable conductor cross-sections • for AWG cables for main contacts 20 mm² • finely stranded with core end processing 0.25 2.5 mm² • finely stranded without core end processing 0.25 2.5 mm² • for auxiliary contacts • solid or stranded 2		
— at the side	•	
type of electrical connection • for main current circuit • for auxillary and control circuit • for auxillary and control circuit • for auxillary and control circuit • of auxillary and control circuit • of auxillary and control circuit • of magnet coil width of connection bar thickness of connectable conductor cross-sections • for AWG cables for main contacts • solid or stranded • for inely stranded without core end processing • for connectable conductor cross-sections • for auxillary contacts • solid - solid or stranded • for explaint contacts • solid - solid or stranded • for explaint contacts • solid - solid or stranded • for explaint contacts • for auxillary contacts • for		
type of olectrical connection • for main current circuit • for main current circuit • at contactor for auxiliary contacts • at contactor for auxiliary contacts • of magnet coil with of connection bar thickness of connection bar diameter of holes • for AWG cables for main contacts • stranded connectable conductor cross-section for auxiliary contacts • silvanded with core end processing • finely stranded without core end processing • for auxiliary contacts • for auxiliary contacts • solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid or stranded - finely stranded with core end processing • for auxiliary contacts - solid or stranded - finely stranded without core end processing • for auxiliary contacts - solid or stranded - finely stranded without core end processing • for auxiliary contacts - solid or stranded - finely stranded without core end processing • for auxiliary contacts - solid or stranded - solid or stranded - solid or stranded - finely stranded without core end processing • for auxiliary contacts - solid or stranded - solid or stranded - solid or stranded - finely stranded without core end processing • for auxiliary contacts - solid or stranded - solid or		IV IIIII
• for main current circuit • for auxiliary and control circuit • for auxiliary and control circuit • of magnet coil width of connection bar diameter of holes • for AWG cables for main contacts • of magnet coil type of connectable conductor cross-sections • for AWG cables for main contacts • stranded connectable conductor cross-section for main contacts • stranded connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded without core end processing • for auxiliary contacts • solid or stranded conductable conductor cross-sections • for auxiliary contacts • for auxiliary contact		
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width of connection bar diameter of holes type of connectable conductor cross-sections of AWG cables for main contacts estranded connectable conductor cross-section for main contacts of holes stranded connectable conductor cross-section for main contacts of a stranded connectable conductor cross-section for auxiliary contacts of linely stranded with core end processing finely stranded without core end processing of auxiliary contacts of or auxiliary contacts of or auxiliary contacts of auxilia	•	
width of connection bar 25 mm thickness of connection bar 6 mm diameter of holes 11 mm number of holes 1 type of connectable conductor cross-sections 2 0 500 kcmil connectable conductor cross-section for main contacts 2 0 240 mm² e stranded 70 240 mm² connectable conductor cross-section for auxiliary contacts 5 off conductor cross-section for auxiliary contacts e solid or stranded 0.25 2.5 mm² finely stranded with core end processing 0.25 2.5 mm² type of connectable conductor cross-sections 6 or auxiliary contacts e for auxiliary contacts 2x (0.25 2.5 mm²) - solid 2x (0.25 2.5 mm²) - solid or stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - for auxiliary contacts 2x (24 14 AWG number as coded connectable conductor cross-section 2x (24 14) section 4 for auxiliary contacts 2x (24 14) section <th< td=""><td>•</td><td></td></th<>	•	
thickness of connection bar diameter of holes 11 mm number of holes 11 mm number of holes 12 mumber of holes	of magnet coil	Spring-type terminals
diameter of holes 11 mm number of holes 1 type of connectable conductor cross-sections • for AWC cables for main contacts 20 500 kcmil connectable conductor cross-section for main contacts • siranded 70 240 mm² connectable conductor cross-section for auxiliary contacts 5 solid or stranded • solid or stranded with core end processing 0.25 2.5 mm² • finely stranded without core end processing 0.25 2.5 mm² • for auxiliary contacts 2 x (0.25 2.5 mm²) • solid or stranded 2 x (0.25 2.5 mm²) - solid or stranded 2 x (0.25 2.5 mm²) - solid or stranded with core end processing 2 x (0.25 2.5 mm²) - finely stranded with core end processing 2 x (0.25 2.5 mm²) - finely stranded without core end processing 2 x (0.25 2.5 mm²) - for AWG cables for auxiliary contacts 2 x (2.4 14) AWG number as coded connectable conductor cross section • for auxiliary contacts 2 4 14 Safety related data Product function • mirror contact according to IEC 60947-4-1 Yes • suitable for safely function	width of connection bar	25 mm
type of connectable conductor cross-sections	thickness of connection bar	6 mm
type of connectable conductor cross-sections of rAWG cables for main contacts connectable conductor cross-section for main contacts of standed connectable conductor cross-section for auxiliary contacts of sidior stranded of inely stranded with core end processing of nely stranded with core end processing of auxiliary contacts auxiliary contacts conductor cross-sections of auxiliary contacts auxilia	diameter of holes	11 mm
onnectable conductor cross-section for main contacts	number of holes	1
connectable conductor cross-section for main contacts	type of connectable conductor cross-sections	
stranded connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing for auxiliary contacts - solid - solid or stranded - solid or stranded - finely stranded without core end processing - solid - solid - solid - solid - solid or stranded - finely stranded with core end processing - solid - solid or stranded - finely stranded with core end processing - finely stranded with core end processing - finely stranded without core end processing - for AWG cables for auxiliary contacts 2x (0.25 2.5 mm²) - finely stranded without core end processing - for AWG cables for auxiliary contacts - sortion - for auxiliary contacts 2x (2.25 2.5 mm²) - for auxiliary contacts - 2x (2.25 2.5 mm²) - for AWG number as coded connectable conductor cross section - for auxiliary contacts 24 14 AWG number as coded connectable conductor cross - section - for auxiliary contacts 24 14 Softy related data product function - mirror contact according to IEC 60947-4-1 - positively driven operation according to IEC 60947-5-1 - suitable for safety function suitablity for use safety-related switching OFF - Yes; safety-related disconnection via A1 A2 service life maximum - 20 a service life maximum - 20 a set wear-related service life necessary - with low demand rate according to SN 31920 - with high demand rate according to SN 31920 - with high demand rate according to SN 31920 - with high demand rate according to SN 31920 - with high demand rate according to SN 31920 - 100 0000 - silver first with low demand rate according to SN 31920 - 100 0000 - silver first with low demand rate according to SN 31920 - 100 0000	 for AWG cables for main contacts 	2/0 500 kcmil
esolid or stranded • finely stranded with core end processing • finely stranded with core end processing • for auxiliary contacts • solid or stranded • finely stranded with core end processing • for auxiliary contacts • solid or stranded • finely stranded with core end processing • for auxiliary contacts • solid or stranded - solid or stranded - finely stranded with core end processing - finely stranded with core end processing - finely stranded without core end processing • for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for auxiliary contacts 24 14 AWG number as coded connectable conductor cross section • for auxiliary contacts 24 14 Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 • suitability for use safety-related switching OFF ves service life maximum 20 a test wear-related service life necessary proportion of dangerous fallures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 100 000 fallure rate [FIT] with low demand rate according to SN 31920 100 000 fallure rate [FIT] with low demand rate according to SN 31920 100 000	connectable conductor cross-section for main contacts	
solid or stranded finely stranded with core end processing finely stranded without core end processing type of connectable conductor cross-sections for auxiliary contacts — solid — solid	• stranded	70 240 mm²
infinely stranded with core end processing infinely stranded without core end processing infinely stranded without core end processing info rauxiliary contacts infinely stranded infinely stranded infinely stranded with core end processing infinely stranded with core end processing infinely stranded with core end processing infinely stranded without core end processing infinely stranded wi	connectable conductor cross-section for auxiliary contacts	
• finely stranded without core end processing type of connectable conductor cross-sections • for auxiliary contacts — solid — solid	 solid or stranded 	0.25 2.5 mm²
type of connectable conductor cross-sections • for auxiliary contacts — solid	 finely stranded with core end processing 	0.25 1.5 mm²
• for auxiliary contacts — solid — solid or stranded — finely stranded with core end processing — finely stranded without core end processing — for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section • for auxiliary contacts 24 14 Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947-5-1 • suitable for safety function • suitable for safety function suitablity for use safety-related switching OFF yes; safety-related disconnection via A1 A2 service life maximum 20 a test wear-related service life necessary proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 aliure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920	 finely stranded without core end processing 	0.25 2.5 mm ²
- solid 2x (0.25 2.5 mm²) - solid or stranded 2x (0.25 2,5 mm²) - finely stranded with core end processing 2x (0.25 1.5 mm²) - finely stranded without core end processing 2x (0.25 1.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - for AWG cables for auxiliary contacts 2x (24 14) AWG number as coded connectable conductor cross section - for auxiliary contacts 24 14 Safety related data product function - mirror contact according to IEC 60947-4-1 Yes - positively driven operation according to IEC 60947-5-1 No - suitable for safety function Yes suitability for use safety-related switching OFF Yes; safety-related disconnection via A1 A2 service life maximum 20 a test wear-related service life necessary Yes proportion of dangerous failures - with low demand rate according to SN 31920 40 % - with high demand rate according to SN 31920 73 % B10 value with high demand rate according to SN 31920 1000 000 failure rate [FIT] with low demand rate according to SN 31920 1000 FIT	type of connectable conductor cross-sections	
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failure rate [FIT] with low demand rate according to SN 100 FIT 31920	·	
31920		
		100 FII
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	IP00; IP20 with box terminal/cover
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front with box terminal/cover
Approvals Certificates	

General Product Approval







Confirmation





EMV Functional Saftey Test Certificates Marine / Shipping



Type Examination Certificate

Type Test Certificates/Test Report

Special Test Certificate





Marine / Shipping other







Miscellaneous

Confirmation

Miscellaneous

other Railway **Environment**

Environmental Con-Special Test Certific-Confirmation <u>ate</u> **firmations**

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=3RT1076-2NB36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1076-2NB36

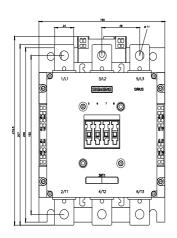
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

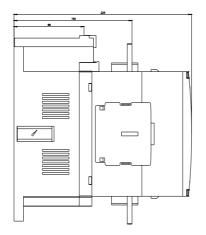
https://support.industry.siemens.com/cs/ww/en/ps/3RT1076-2NB3

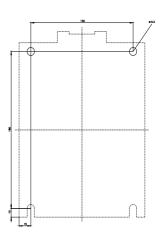
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

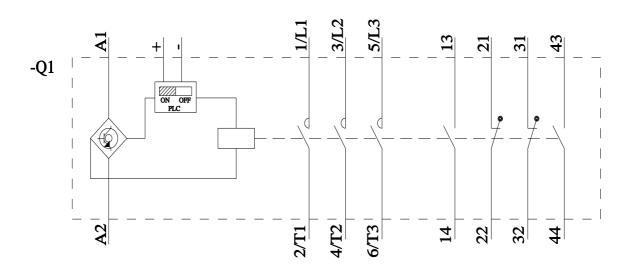
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1076-2NB36&lang=en

Characteristic: Tripping characteristics, I2t, Let-through current



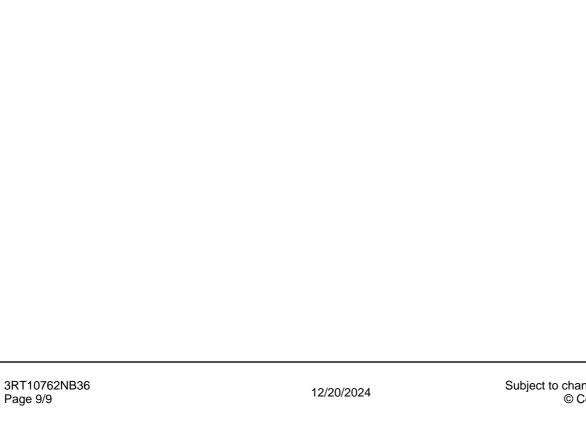






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