SIEMENS

Data sheet

3RT2046-1NB34

power contactor, AC-3 95 A, 45 kW / 400 V 2 NO + 2 NC, 20-33 V AC/DC 3-pole, 3 NO, Size S3 screw terminal integrated varistor



product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S3
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 	19.8 W
 at AC in hot operating state per pole 	6.6 W
power loss [W] for rated value of the current without load current share typical	3.5 W
surge voltage resistance	
 of main circuit rated value 	8 kV
 of auxiliary circuit rated value 	6 kV
maximum permissible voltage for safe isolation	
 between coil and main contacts acc. to EN 60947-1 	690 V

protection class IP	
• on the front	IP20
• of the terminal	IP00
shock resistance at rectangular impulse	
• at AC	6.7 g / 5 ms, 4.0 g / 10 ms
• at DC	6.7 g / 5 ms, 4.0 g / 10 ms
shock resistance with sine pulse	
• at AC	10.6 g / 5 ms, 6.3 g / 10 ms
● at DC	10.6 g / 5 ms, 6.3 g / 10 ms
mechanical service life (switching cycles)	
 of contactor typical 	10 000 000
 of the contactor with added electronics- 	5 000 000
compatible auxiliary switch block typical	
 of the contactor with added auxiliary switch 	10 000 000
block typical	
reference code acc. to DIN EN 81346-2	Q
Ambient conditions	
 installation altitude at height above sea level 	2 000 m
maximum	
ambient temperature	
 during operation 	-25 +60 °C
during storage	-55 +80 °C
Main circuit	
Main circuit number of poles for main current circuit	3
	3 3
number of poles for main current circuit	
number of poles for main current circuit number of NO contacts for main contacts	
number of poles for main current circuit number of NO contacts for main contacts operating voltage	3
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum	3
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum operating current	3
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum operating current • at AC-1 at 400 V	3 1 000 V
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum operating current • at AC-1 at 400 V — at ambient temperature 40 °C rated value	3 1 000 V
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum operating current • at AC-1 at 400 V — at ambient temperature 40 °C rated value • at AC-1	3 1 000 V 130 A
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum operating current • at AC-1 at 400 V — at ambient temperature 40 °C rated value • at AC-1 — up to 690 V at ambient temperature 40 °C	3 1 000 V 130 A
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum operating current • at AC-1 at 400 V — at ambient temperature 40 °C rated value • at AC-1 — up to 690 V at ambient temperature 40 °C rated value rated value	3 1 000 V 130 A 130 A
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum operating current • at AC-1 at 400 V — at ambient temperature 40 °C rated value • at AC-1 — up to 690 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 60 °C	3 1 000 V 130 A 130 A
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum operating current • at AC-1 at 400 V — at ambient temperature 40 °C rated value • at AC-1 — up to 690 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 60 °C rated value — up to 1000 V at ambient temperature 40 °C	3 1 000 V 130 A 130 A 110 A
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum operating current • at AC-1 at 400 V — at ambient temperature 40 °C rated value • at AC-1 — up to 690 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 60 °C rated value — up to 1000 V at ambient temperature 40 °C rated value — up to 1000 V at ambient temperature 40 °C	3 1 000 V 130 A 130 A 110 A 70 A
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum operating current • at AC-1 at 400 V — at ambient temperature 40 °C rated value • at AC-1 — up to 690 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 60 °C rated value — up to 1000 V at ambient temperature 40 °C rated value — up to 1000 V at ambient temperature 40 °C rated value — up to 1000 V at ambient temperature 60 °C rated value — up to 1000 V at ambient temperature 60 °C	3 1 000 V 130 A 130 A 110 A 70 A
number of poles for main current circuit number of NO contacts for main contacts operating voltage • at AC-3 rated value maximum operating current • at AC-1 at 400 V — at ambient temperature 40 °C rated value • at AC-1 — up to 690 V at ambient temperature 40 °C rated value — up to 690 V at ambient temperature 60 °C rated value — up to 1000 V at ambient temperature 40 °C rated value — up to 1000 V at ambient temperature 40 °C rated value — up to 1000 V at ambient temperature 60 °C rated value — up to 1000 V at ambient temperature 60 °C rated value — up to 1000 V at ambient temperature 60 °C rated value — up to 1000 V at ambient temperature 60 °C	3 1 000 V 130 A 130 A 110 A 70 A 60 A

— at 690 V rated value	78 A
at AC-4 at 400 V rated value	80 A
• at AC-5a up to 690 V rated value	114 A
• at AC-5b up to 400 V rated value	95 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	84.4 A
— up to 400 V for current peak value n=20 rated value	84.4 A
— up to 500 V for current peak value n=20 rated value	84.4 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	56.3 A
— up to 400 V for current peak value n=30 rated value	56.3 A
— up to 500 V for current peak value n=30 rated value	56.3 A
— up to 690 V for current peak value n=30 rated value	56.3 A
minimum cross-section in main circuit	
 inimum cross-section in main circuit at maximum AC-1 rated value 	50 mm²
• at maximum AC-1 rated value operating current for approx. 200000 operating	50 mm²
• at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4	
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value 	42 A
• at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4	
at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value operating current	42 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 690 V rated value operating current at 1 current path at DC-1 	42 A 30 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 690 V rated value operating current at 1 current path at DC-1 at 24 V rated value 	42 A 30 A 100 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 690 V rated value operating current at 1 current path at DC-1 at 24 V rated value at 110 V rated value 	42 A 30 A 100 A 9 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 690 V rated value operating current at 1 current path at DC-1 at 24 V rated value at 110 V rated value at 220 V rated value 	42 A 30 A 100 A 9 A 2 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 690 V rated value operating current at 1 current path at DC-1 at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value 	42 A 30 A 100 A 9 A 2 A 0.6 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 690 V rated value at 690 V rated value operating current at 1 current path at DC-1 at 24 V rated value at 110 V rated value at 120 V rated value at 220 V rated value at 440 V rated value at 600 V rated value 	42 A 30 A 100 A 9 A 2 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 690 V rated value operating current at 1 current path at DC-1 at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value at 440 V rated value at 600 V rated value with 2 current paths in series at DC-1 	42 A 30 A 100 A 9 A 2 A 0.6 A 0.4 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 690 V rated value operating current at 1 current path at DC-1 at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value at 440 V rated value at 600 V rated value at 600 V rated value at 440 V rated value 	42 A 30 A 100 A 9 A 2 A 0.6 A 0.4 A 100 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 600 V rated value operating current at 1 current path at DC-1 at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value at 600 V rated value at 600 V rated value with 2 current paths in series at DC-1 at 24 V rated value at 24 V rated value at 600 V rated value at 600 V rated value 	42 A 30 A 100 A 9 A 2 A 0.6 A 0.4 A 100 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 690 V rated value operating current at 1 current path at DC-1 at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value at 600 V rated value at 600 V rated value at 440 V rated value at 100 V rated value at 220 V rated value at 24 V rated value 	42 A 30 A 100 A 9 A 2 A 0.6 A 0.4 A 100 A 100 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 400 V rated value at 690 V rated value operating current at 1 current path at DC-1 at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value at 600 V rated value with 2 current paths in series at DC-1 at 24 V rated value at 24 V rated value at 600 V rated value at 600 V rated value at 24 V rated value at 24 V rated value at 440 V rated value at 24 V rated value 	42 A 30 A 100 A 9 A 2 A 0.6 A 0.4 A 100 A 100 A 100 A
 at maximum AC-1 rated value operating current for approx. 200000 operating cycles at AC-4 at 400 V rated value at 690 V rated value operating current at 1 current path at DC-1 at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value at 600 V rated value at 600 V rated value at 440 V rated value at 100 V rated value at 220 V rated value at 24 V rated value 	42 A 30 A 100 A 9 A 2 A 0.6 A 0.4 A 100 A 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
operating current	
 at 1 current path at DC-3 at DC-5 	
— at 24 V rated value	40 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 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 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	45 kW
• at AC-3	
— at 230 V rated value	22 kW
— at 400 V rated value	45 kW
— at 500 V rated value	55 kW
— at 690 V rated value	75 kW
operating power for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	22 kW
• at 690 V rated value	27.4 kW
operating apparent output at AC-6a	
 up to 230 V for current peak value n=20 rated value 	33 kV·A
 up to 400 V for current peak value n=20 rated value 	58 kV·A
 up to 500 V for current peak value n=20 rated value 	73 kV·A

	69 kV·A
 up to 690 V for current peak value n=20 rated value 	09 KV-A
operating apparent output at AC-6a	
 up to 230 V for current peak value n=30 rated value 	22.4 kV·A
 up to 400 V for current peak value n=30 rated value 	39 kV·A
 up to 500 V for current peak value n=30 rated value 	48.7 kV·A
 up to 690 V for current peak value n=30 rated value 	67.3 kV·A
short-time withstand current in cold operating state	
up to 40 °C	
 limited to 1 s switching at zero current maximum 	1 725 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 5 s switching at zero current maximum 	1 297 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 10 s switching at zero current maximum 	946 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 30 s switching at zero current maximum 	610 A; Use minimum cross-section acc. to AC-1 rated value
 limited to 60 s switching at zero current maximum 	486 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	
• at AC-1 maximum	900 1/h
• at AC-2 maximum	350 1/h
• at AC-3 maximum	850 1/h
• at AC-4 maximum	250 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	20 33 V
• at 60 Hz rated value	20 33 V
control supply voltage at DC	
rated value	20 33 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	

	0.0 4.4
• 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
starting current average value	3.2 A
Peak starting current	6.5 A
Duration of starting current	150 ms
Holding current average value	75 mA
apparent pick-up power of magnet coil at AC	
• at 50 Hz	151 V·A
• at 60 Hz	151 V·A
apparent holding power of magnet coil at AC	
• at 50 Hz	3.5 V·A
• at 60 Hz	3.5 V·A
closing power of magnet coil at DC	76 W
holding power of magnet coil at DC	2.7 W
closing delay	
• at DC	50 70 ms
opening delay	
● at DC	38 57 ms
arcing time	10 20 ms
-	
control version of the switch operating mechanism	Standard A1 - A2
control version of the switch operating mechanism	Standard A1 - A2
control version of the switch operating mechanism	Standard A1 - A2
control version of the switch operating mechanism	Standard A1 - A2
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts	
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact	
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts	2
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts • instantaneous contact	2 2
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts • instantaneous contact operating current at AC-12 maximum	2 2
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts • instantaneous contact operating current at AC-12 maximum operating current at AC-15	2 2 10 A
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts • instantaneous contact operating current at AC-12 maximum operating current at AC-15 • at 230 V rated value	2 2 10 A 6 A
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts • instantaneous contact operating current at AC-12 maximum operating current at AC-15 • at 230 V rated value • at 400 V rated value	2 2 10 A 6 A 3 A
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts • instantaneous contact operating current at AC-12 maximum operating current at AC-15 • at 230 V rated value • at 500 V rated value	2 2 10 A 6 A 3 A 2 A
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts • instantaneous contact operating current at AC-12 maximum operating current at AC-15 • at 230 V rated value • at 500 V rated value • at 690 V rated value	2 2 10 A 6 A 3 A 2 A
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts • instantaneous contact operating current at AC-12 maximum operating current at AC-15 • at 230 V rated value • at 500 V rated value • at 690 V rated value • at 690 V rated value	2 2 10 A 6 A 3 A 2 A 1 A
control version of the switch operating mechanismAuxiliary circuitnumber of NC contacts for auxiliary contacts• instantaneous contactnumber of NO contacts for auxiliary contacts• instantaneous contactoperating current at AC-12 maximumoperating current at AC-15• at 230 V rated value• at 500 V rated value• at 690 V rated value• at 690 V rated value• at 690 V rated value• at 24 V rated value	2 2 10 A 6 A 3 A 2 A 1 A 10 A
control version of the switch operating mechanismAuxiliary circuitnumber of NC contacts for auxiliary contacts• instantaneous contact• instantaneous contactnumber of NO contacts for auxiliary contacts• instantaneous contact• instantaneous contact• instantaneous contactoperating current at AC-12 maximumoperating current at AC-15• at 230 V rated value• at 400 V rated value• at 500 V rated value• at 690 V rated value• at 690 V rated value• at 24 V rated value• at 24 V rated value• at 48 V rated value	2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts • instantaneous contact operating current at AC-12 maximum operating current at AC-15 • at 230 V rated value • at 500 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 60 V rated value	2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A
control version of the switch operating mechanismAuxiliary circuitnumber of NC contacts for auxiliary contacts• instantaneous contact• instantaneous contactnumber of NO contacts for auxiliary contacts• instantaneous contactoperating current at AC-12 maximum• operating current at AC-15• at 230 V rated value• at 400 V rated value• at 500 V rated value• at 690 V rated value• at 690 V rated value• at 690 V rated value• at 24 V rated value• at 24 V rated value• at 48 V rated value• at 48 V rated value• at 110 V rated value• at 110 V rated value• at 125 V rated value• at 125 V rated value	2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 6 A 3 A
control version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts • instantaneous contact number of NO contacts for auxiliary contacts • instantaneous contact operating current at AC-12 maximum operating current at AC-15 • at 230 V rated value • at 500 V rated value • at 690 V rated value • at 24 V rated value • at 48 V rated value • at 60 V rated value • at 400 V rated value	2 2 10 A 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A

operating current at DC-13	
• at 24 V rated value	6 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 three-phase AC motor	
• at 480 V rated value	96 A
• at 600 V rated value	77 A
yielded mechanical performance [hp]	
 for single-phase AC motor 	
— at 110/120 V rated value	10 hp
— at 230 V rated value	20 hp
 for three-phase AC motor 	
— at 200/208 V rated value	30 hp
— at 220/230 V rated value	30 hp
— at 460/480 V rated value	75 hp
— at 575/600 V rated value	75 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: 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: 160 A (690 V, 100 kA), aM: 100 A (690 V, 100 kA), BS88: 125 A (415 V, 80 kA)
 for short-circuit protection of the auxiliary switch required 	gG: 10 A (500 V, 1 kA)
Installation/ mounting/ dimensions	
mounting position	+/-180° rotation possible on vertical mounting surface; can be
	tilted forward and backward by +/- 22.5° on vertical mounting surface
mounting type	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
 side-by-side mounting 	Yes

140 mm

70 mm

195 mm

height

width

depth

required spacing	
 with side-by-side mounting 	
— forwards	20 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
 for grounded parts 	
— forwards	20 mm
— upwards	10 mm
— at the side	10 mm
— downwards	10 mm
• for live parts	
— forwards	20 mm
— upwards	10 mm
— downwards	10 mm
— at the side	10 mm
Connections/ Terminals	
type of electrical connection	
 for main current circuit 	screw-type terminals
 for auxiliary and control current circuit 	screw-type terminals
 at contactor for auxiliary contacts 	Screw-type terminals
● of magnet coil	Screw-type terminals
type of connectable conductor cross-sections	
 for main contacts 	
 finely stranded with core end processing 	2x (2.5 35 mm²), 1x (2.5 50 mm²)
 at AWG conductors for main contacts 	2x (10 1/0), 1x (10 2)
connectable conductor cross-section for main contacts	
• solid	2.5 16 mm ²
stranded	6 70 mm²
 finely stranded with core end processing 	2.5 50 mm ²
connectable conductor cross-section for auxiliary contacts	
 single or multi-stranded 	0.5 2.5 mm²
 finely stranded with core end processing 	0.5 2.5 mm²
 type of connectable conductor cross-sections for auxiliary contacts 	
— single or multi-stranded	2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²)
— finely stranded with core end processing	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
 type of connectable conductor cross-sections at AWG conductors for auxiliary contacts 	2x (20 16), 2x (18 14)

AWG number as coded connectable con section					
 for main contacts 		10 2	2		
 for auxiliary contacts 		20 ²	14		
- -		_			
afety related data					
B10 value		4 0 0 0			
with high demand rate acc. to SN 3	31920	1 000	000		
proportion of dangerous failures					
• with low demand rate acc. to SN 3		40 %			
• with high demand rate acc. to SN 3	31920	73 %			
ailure rate [FIT]					
• with low demand rate acc. to SN 3	1920	100 FI	IT		
product function					
• mirror contact acc. to IEC 60947-4	-1	Yes			
 positively driven operation acc. to I 	EC 60947-5-	No			
Γ1 value for proof test interval or service EC 61508	life acc. to	20 y			
protection against electrical shock		finger-	-safe when touch	ed vertically from fr	ont acc. to IEC 60529
General Product Approval					EMC
(m) (m)	A		<u>KC</u>	103	
				EHC	RCM
CCC CSA	UL Test Certifi ates	fic-	KC Marine / Shipp	ERE	
				EFFC ing LICYO'S LRS	
Declaration of Conformity	ates Special Test 0		Marine / Shipp	Lloyd's Register	
Declaration of Conformity Miscellaneous EG-Konf.	ates Special Test 0		Marine / Shipp	Lloyd's Register	

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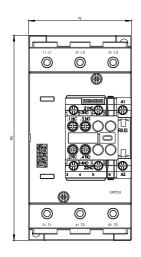
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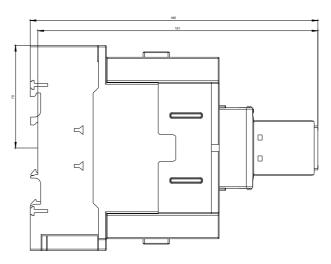
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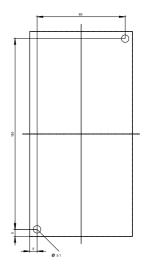
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2046-1NB34&lang=en

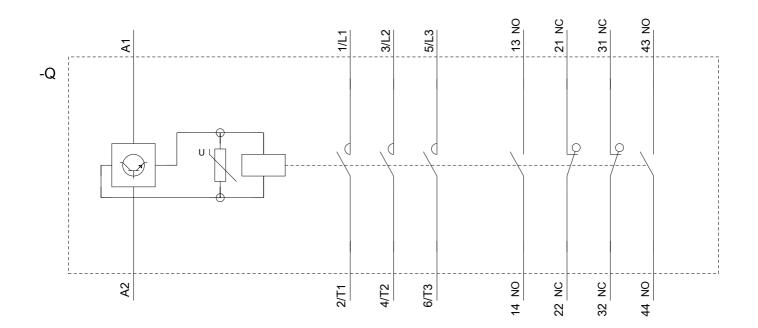
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2046-1NB34/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2046-1NB34&objecttype=14&gridview=view1









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