SIEMENS

Data sheet 3RT2046-1AV60



power contactor, AC-3 95 A, 45 kW / 400 V 1 NO + 1 NC, 480 V AC, 60 Hz 3-pole, 3 NO, Size S3 screw terminal

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
• per pole	6.6 W
power loss [W] for rated value of the current without load current share typical	21 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
shock resistance at rectangular impulse	
• at AC	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
mechanical service life (switching 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 acc. to IEC 81346-2	Q
Substance Prohibitance (Date)	01.03.2017 00:00:00
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
Main 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

operational current	
 at AC-1 at 400 V at ambient temperature 40 °C 	130 A
rated value	
• at AC-1	
 — up to 690 V at ambient temperature 40 °C rated value 	130 A
 — up to 690 V at ambient temperature 60 °C rated value 	110 A
 up to 1000 V at ambient temperature 40 °C rated value 	70 A
 up to 1000 V at ambient temperature 60 °C rated value 	60 A
• at AC-3	
— at 400 V rated value	95 A
— at 500 V rated value	95 A
— at 690 V rated value	78 A
— at 1000 V rated value	30 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 at maximum AC-1 rated value	50 mm²
operational current for approx. 200000 operating cycles at AC-4	
 at 400 V rated value 	42 A
at 690 V rated value	30 A
operational current	
 at 1 current path at DC-1 	
— at 24 V rated value	100 A
— at 110 V rated value	9 A
— at 220 V rated value	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 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
 with 3 current paths in series at DC-1 	
— at 24 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
operational 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
	35 A
— at 220 V rated value	0.8 A
— at 440 V rated value	
— at 600 V rated value	0.35 A
operating power	45 134
• at AC-2 at 400 V rated value	45 kW
• at AC-3	00.11W
— 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
— at 1000 V rated value	37 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 power 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
 up to 690 V for current peak value n=20 rated value 	69 kV·A
operating apparent power 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	5 000 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
control supply voltage at AC	AO .
control supply voltage at AC	

## do UPZ prate Value poperating range factor control supply voltage rated value of magnet coll at AC ## apparant pick-up power of magnet coll at AC ## apparant pick-up power of magnet coll at AC ## apparant pick-up power factor with closing power of the coll ## at 60 Hz ## at 60 H	a at 60 Hz rated value	480 V
value of magnet coll at AC	at 60 Hz rated value	40U V
■ at 60 Hz ■ apparent plack-up power of magnet coil at AC ■ at 60 Hz ■ apparent holding power of magnet coil at AC ■ at 60 Hz ■ at AC ■ at 60 Hz		
apparent pick-up power of magnet coll at AC		0.85 1.1
ad 60 Hz		0.05 1.1
Inductive power factor with closing power of the coil • at 80 Hz • at 8		000.1/ 4
■ at 60 Hz apparent holding power of magnet coil at AC ■ at 60 Hz inductive power factor with the holding power of the coil ■ at 60 Hz ■ at 60 Hz ■ at AC		322 V·A
apparent holding power of magnet coil at AC at 160 Hz at 161		
• at 60 Hz **at 60 Hz		0.55
Inductive power factor with the holding power of the coil	apparent holding power of magnet coil at AC	
e at 80 H≥ 0.4 closing delay e at AC		21 V·A
e at 60 Hz closing delay e at AC opening delay • at AC arcing time ouncol version of the switch operating mechanism Auxiliary circuit number of NC contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at DC-12 • at 20 V rated value • at 600 V rated value • at 600 V rated value • at 48 V rated value • at 48 V rated value • at 125 V rated value • at 120 V rated value • at 200 V rated value • at 300 V rated value • at 48 V rated value • at 48 V rated value • at 600 V rated value • at		
closing delay		
e at AC opening delay		0.4
e at AC		
acting time		13 50 ms
arcing time 10 20 ms Standard A1 - A2		
Control version of the switch operating mechanism Standard A1 - A2	• at AC	
Auxiliary circuit number of NC contacts for auxiliary contacts 1	arcing time	10 20 ms
number of NC contacts for auxiliary contacts 1		Standard A1 - A2
instantaneous contact number of NO contacts for auxiliary contacts instantaneous contact operational current at AC-12 maximum operational current at AC-15 • at 230 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 650 V rated value • at 48 V rated value • at 48 V rated value • at 500 V rated value • at 500 V rated value • at 60 V rated value • at 60 V rated value • at 110 V rated value • at 125 V rated value • at 125 V rated value • at 125 V rated value • at 24 V rated value • at 250 V rated value • at 270 V rated value • at 28 V rated value • at 29 V rated value • at 20 V rated value • at 110 V rated value • at 110 V rated value • at 120 V rated value • at 220 V rated value • at 220 V rated value • at 220 V rated value • at 200 V rated value • at 200 V rated value • at 48 V rated value • at 48 V rated value • at 200 V rated value • at 200 V rated value • at 300 V rated value • at 48 V rated value • at 48 V rated value • at 48 V rated value • at 200 V rated value	Auxiliary circuit	
Instantaneous contact Operational current at AC-12 maximum 10 A		1
operational current at AC-15		1
operational current at AC-15		10 A
	•	
	•	6 A
• at 690 V rated value 1 A operational current at DC-12 • at 24 V rated value 6 A • at 48 V rated value 6 A • at 60 V rated value 3 A • at 110 V rated value 1 A • at 125 V rated value 2 A • at 122 V rated value 1 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 2 A • at 48 V rated value 2 A • at 48 V rated value 2 A • at 60 V rated value 2 A • at 60 V rated value 1 A • at 60 V rated value 2 A • at 110 V rated value 2 A • at 110 V rated value 1 A • at 125 V rated value 2 A • at 110 V rated value 1 A • at 120 V rated value 0.3 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 96 A • at 600 V rated value 97 A yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 20 hp • for 3-phase AC motor — at 220/230 V rated value 30 hp — at 220/230 V rated value 30 hp		
Operational current at DC-12		
• at 24 V rated value		
 at 48 V rated value at 6 A at 60 V rated value at 110 V rated value at 125 V rated value at 1220 V rated value at 220 V rated value ontact reliability of auxiliary contacts ontact value 	•	10.4
 at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value 0.15 A Operational current at DC-13 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 24 V rated value at 10 V rated value at 10 V rated value at 125 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 480 V rated value at 480 V rated value at 600 V rated value at 600 V rated value at 77 A Vielded mechanical performance [hp] for single-phase AC motor at 100 V rated value at 100 V rated value at 230 V rated value at 200/208 V rated value at 200/208 V rated value at 200/208 V rated value at 220/230 V rated value at 220/230 V rated value at 220/230 V rated value 		
 at 110 V rated value at 125 V rated value at 220 V rated value 1 A at 220 V rated value 0.15 A Operational current at DC-13 at 24 V rated value at 48 V rated value at 600 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 200 V rated value at 600 V rated value at 77 A yielded mechanical performance [hp] for single-phase AC motor at 10 hp at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value 30 hp 		
 at 125 V rated value at 220 V rated value at 600 V rated value 0.15 A operational current at DC-13 at 24 V rated value at 84 V rated value at 60 V rated value at 110 V rated value at 110 V rated value at 125 V rated value at 125 V rated value at 220 V rated value at 600 V rated value 71 A Contact reliability of auxiliary contacts at 480 V rated value at 480 V rated value at 480 V rated value at 600 V rated value at 10/120 V rated value at 110/120 V rated value at 110/120 V rated value at 230 V rated value at 220 V rated value		
• at 220 V rated value • at 600 V rated value operational current at DC-13 • at 24 V rated value • at 48 V rated value • at 80 V rated value • at 110 V rated value • at 110 V rated value • at 125 V rated value • at 220 V rated value • at 600 V rated value ontact reliability of auxiliary contacts full-load current (FLA) for 3-phase AC motor • at 480 V rated value • at 600 V rated value • at 220 V rated value • at 220 V rated value • for single-phase AC motor — at 110/120 V rated value • for 3-phase AC motor — at 230 V rated value • for 3-phase AC motor — at 200/208 V rated value • 30 hp — at 220/230 V rated value 30 hp		
• 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 96 A • at 600 V rated value 77 A yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value 20 hp • for 3-phase AC motor — at 200/208 V rated value 30 hp — at 220/230 V rated value 30 hp — at 220/230 V rated value 30 hp		
operational current at DC-13	at 220 V rated value	
 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value at 480 V rated value at 600 V rated value at 200 V rated value for single-phase AC motor at 10/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value 	at 600 V rated value	0.15 A
 at 48 V rated value at 60 V rated value at 110 V rated value at 1125 V rated value at 220 V rated value at 600 V rated value at 480 V rated value at 480 V rated value at 600 V rated value for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value at 220/230 V rated value at 200/230 V rated value 	operational current at DC-13	
 at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 480 V rated value at 600 V rated value at 77 A yielded mechanical performance [hp] for single-phase AC motor at 110/120 V rated value at 230 V rated value at 230 V rated value at 200/208 V rated value at 200/208 V rated value at 220/230 V rated value 		10 A
 at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 600 V rated value at aulty 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 at 600 V rated value at 600 V rated value for single-phase AC motor at 110 V rated value for single-phase AC motor at 110 V rated value at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 200/208 V rated value at 220/230 V rated value 	at 48 V rated value	2 A
 at 125 V rated value at 220 V rated value 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 at 600 V rated value 77 A yielded mechanical performance [hp] for single-phase AC motor at 10/120 V rated value nat 230 V rated value for 3-phase AC motor at 200/208 V rated value at 200/208 V rated value at 220/230 V rated value 30 hp at 220/230 V rated value 30 hp 	 at 60 V rated value 	2 A
 at 220 V rated value 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 at 600 V rated value for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 200/208 V rated value at 220/230 V rated value 30 hp 	at 110 V rated value	1 A
 at 600 V rated value 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 at 600 V rated value for single-phase AC motor at 110/120 V rated value at 230 V rated value for 3-phase AC motor at 230 V rated value for 3-phase AC motor at 200/208 V rated value at 200/208 V rated value at 220/230 V rated value 30 hp at 220/230 V rated value 	 at 125 V rated value 	0.9 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 • 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 • for 3-phase AC motor — at 200/208 V rated value 30 hp — at 220/230 V rated value 30 hp	at 220 V rated value	0.3 A
UL/CSA ratings full-load current (FLA) for 3-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 3-phase AC motor — at 200/208 V rated value 30 hp — at 220/230 V rated value 30 hp	at 600 V rated value	0.1 A
UL/CSA ratings full-load current (FLA) for 3-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 3-phase AC motor — at 200/208 V rated value 30 hp — at 220/230 V rated value 30 hp	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
full-load current (FLA) for 3-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 3-phase AC motor — at 200/208 V rated value 30 hp — at 220/230 V rated value 30 hp		
 at 480 V rated value at 600 V rated value 77 A yielded mechanical performance [hp] for single-phase AC motor — at 110/120 V rated value at 230 V rated value for 3-phase AC motor — at 200/208 V rated value at 220/230 V rated value 30 hp at 220/230 V rated value 30 hp 		
● 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 3-phase AC motor — at 200/208 V rated value 30 hp — at 220/230 V rated value 30 hp		96 A
yielded mechanical performance [hp] • for single-phase AC motor — at 110/120 V rated value — at 230 V rated value 20 hp • for 3-phase AC motor — at 200/208 V rated value 30 hp — at 220/230 V rated value 30 hp		
 for single-phase AC motor — at 110/120 V rated value 10 hp — at 230 V rated value 20 hp for 3-phase AC motor — at 200/208 V rated value 30 hp — at 220/230 V rated value 30 hp 		
 — at 110/120 V rated value — at 230 V rated value ● for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value 30 hp — at 220/230 V rated value 		
 — at 230 V rated value ● for 3-phase AC motor — at 200/208 V rated value — at 220/230 V rated value 30 hp 30 hp 		10 hn
● for 3-phase AC motor — at 200/208 V rated value 30 hp — at 220/230 V rated value 30 hp		
— at 200/208 V rated value 30 hp — at 220/230 V rated value 30 hp		20 Hp
— at 220/230 V rated value 30 hp		00 h
— at 460/480 V rated value 75 hp		
	— at 460/480 V rated value	/5 np

— at 575/600 V rated value	75 hp
contact rating of auxiliary contacts according to UL	A600 / P600
Short-circuit protection	7,000 71 000
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
fastening method	screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715
side-by-side mounting	Yes
height	140 mm
width	70 mm
depth	152 mm
required spacing	
with side-by-side mounting	
— forwards	20 mm
— upwards	10 mm
— downwards	10 mm
— at the side	0 mm
for grounded parts	v
— forwards	20 mm
— upwards	10 mm
— at the side	10 mm
— downwards	10 mm
for live parts	10 111111
— forwards	20 mm
— upwards	10 mm
— dpwards — downwards	10 mm
— at the side	10 mm
Connections/ Terminals	10 11111
type of electrical connection	
for main current circuit	screw-type terminals
for auxiliary and control circuit	screw-type terminals
at contactor for auxiliary contacts	Screw-type terminals Screw-type terminals
of magnet coil	Screw-type terminals Screw-type terminals
type of connectable conductor cross-sections	Colon type terminals
• for main contacts	
— finely stranded with core end processing	2x (2.5 35 mm²), 1x (2.5 50 mm²)
at AWG cables for main contacts	2x (2.5 35 hillir), 1x (2.5 50 hillir) 2x (10 1/0), 1x (10 2)
connectable conductor cross-section for main contacts	2A (10 110), 1A (10 2)
• solid	2.5 16 mm²
• stranded	6 70 mm ²
finely stranded with core end processing	2.5 50 mm²
connectable conductor cross-section for auxiliary	2.0 30 11111
contacts	
solid or 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	
— solid or 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)
at AWG cables for auxiliary contacts	2x (20 16), 2x (18 14)
- at the outles for auxiliary contacts	ZA (ZO 10), ZA (10 11)

AWG number as coded connectable conductor cross	
section	
for main contacts	10 2
 for auxiliary contacts 	20 14
Safety related data	
product function mirror contact acc. to IEC 60947-4-1	Yes
B10 value with high demand rate acc. to SN 31920	1 000 000
proportion of dangerous failures	
 with low demand rate acc. to SN 31920 	40 %
 with high demand rate acc. to SN 31920 	73 %
failure rate [FIT] with low demand rate acc. to SN 31920	100 FIT
product function positively driven operation acc. to IEC 60947-5-1	No
T1 value for proof test interval or service life acc. to IEC 61508	20 y
protection class IP on the front acc. to IEC 60529	IP20
touch protection on the front acc. to IEC 60529	finger-safe, for vertical contact from the front
suitability for use	
 safety-related switching on 	Yes
 safety-related switching OFF 	Yes
Certificates/ approvals	



General Product Approval





<u>KC</u>





EMC

Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates	Marine / Shipping

Type Examination Certificate



UK Declaration of Conformity Special Test Certificate

Type Test Certificates/Test Report



Marine / Shipping other











Confirmation

Railway

Vibration and Shock

Further information

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=3RT2046-1AV60

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2046-1AV60

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2046-1AV60

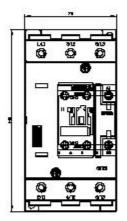
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2046-1AV60&lang=en

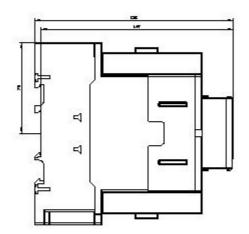
Characteristic: Tripping characteristics, I2t, Let-through current

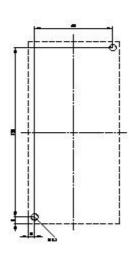
https://support.industry.siemens.com/cs/ww/en/ps/3RT2046-1AV60/char

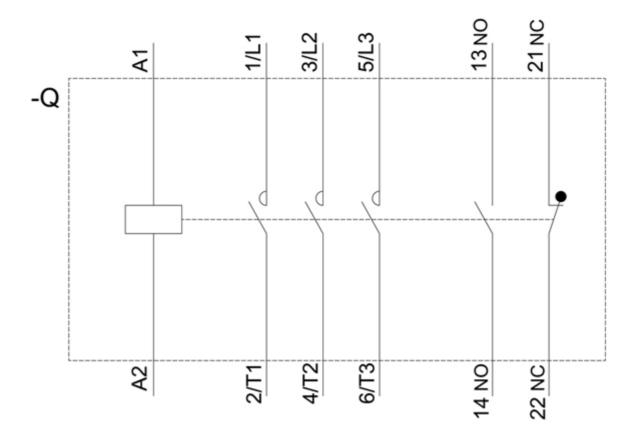
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2046-1AV60&objecttype=14&gridview=view1









last modified: 3/26/2021 **©**