SIEMENS

Data sheet

3RT1056-7AB36-0SF1



power contactor, AC-3e/AC-3 185 A, 90 kW / 400 V AC (50-60 Hz) / DC Uc: 23-26 V 3-pole, auxiliary contacts 2 NO + 2 NC drive: conventional main circuit: box terminal control and auxiliary circuit: screw terminal box terminal up to 70 $\,\mathrm{mm^2}$

Figure similar

product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT1
General technical data	
size of contactor	S6
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 	39 W
 at AC in hot operating state per pole 	13 W
without load current share typical	5.2 W
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
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	
ain 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 value	215 A
• at AC-1	
— up to 690 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	215 A
— up to 690 V at ambient temperature 60 $^{\circ}\text{C}$ rated value	185 A
— up to 1000 V at ambient temperature 40 $^{\circ}\text{C}$ rated value	100 A
— up to 1000 V at ambient temperature 60 °C rated value	100 A
• at AC-3	405.4
— at 400 V rated value	185 A
— at 500 V rated value	185 A
— at 690 V rated value	170 A
— at 1000 V rated value	65 A
• at AC-3e	
— at 400 V rated value	185 A
— at 500 V rated value	185 A
— at 690 V rated value	170 A
— at 1000 V rated value	65 A
 at AC-4 at 400 V rated value 	160 A
 at AC-5a up to 690 V rated value 	189 A
 at AC-5b up to 400 V rated value 	153 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	157 A
— up to 400 V for current peak value n=20 rated value	157 A
— up to 500 V for current peak value n=20 rated value	157 A
— up to 690 V for current peak value n=20 rated value	157 A
— up to 1000 V for current peak value n=20 rated value	65 A
• at AC-6a	
— up to 230 V for current peak value n=30 rated value	105 A
— up to 400 V for current peak value n=30 rated value	105 A
— up to 500 V for current peak value n=30 rated value	105 A
up to 690 V for current peak value n=30 rated value	105 A
— up to 1000 V for current peak value n=30 rated value	65 A
minimum cross-section in main circuit at maximum AC-1 rated value	95 mm²
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	81 A
at 690 V rated value	65 A
operational current	
at 1 current path at DC-1	
— at 24 V rated value	160 A
— at 110 V rated value	18 A
— at 220 V rated value	3.4 A
— at 440 V rated value	0.8 A
— at 600 V rated value	0.5 A
 with 2 current paths in series at DC-1 	
— at 24 V rated value	160 A
— at 110 V rated value	160 A
— at 220 V rated value	20 A

• with 3 current paths in series at DC-1 — at 124 V rated value — at 120 V rated value — at 120 V rated value — at 140 V rated value — at 160 V rated value — at 600 V rated value — at 220 V rated value — at 220 V rated value — at 220 V rated value — at 160 V rated value — at 170 V rated value — a	— at 440 V rated value	3.2 A
	— at 600 V rated value	1.6 A
	with 3 current paths in series at DC-1	
	— at 24 V rated value	160 A
	— at 110 V rated value	160 A
■ at 1 current path at DC-3 at DC-5 — at 24 V rated value — at 220 V rated value — at 220 V rated value — at 240 V rated value — at 260 V rated value — at 260 V rated value — at 24 V rated value — at 25 V rated value — at 26 V rated value — at 26 V rated value — at 26 V rated value — at 27 V rated value — at 27 V rated value — at 28 V rated value — at 170 V rated value — at 27 V rated value — at 28 V rated value — at 40 V rated value — at 50 V rated value — at 40 V rated value — at 50 V rated value — at 50 V rated value — at 40 V rated value — at 50 V rated	— at 220 V rated value	160 A
■ at 1 current path at DC-3 at DC-5 ■ at 24 V rated value ■ at 240 V rated value ■ at 440 V rated value ■ at 110 V rated value ■ at 110 V rated value ■ at 110 V rated value ■ at 120 V rated value ■ at 220 V rated value ■ at 24 V rated value ■ at 26 V rated value ■ at 27 V rated value ■ at 28 V rated value ■ at AC-2 at 400 V rated value ■ at AC-2 at 400 V rated value ■ at AC-3 ■ at 500 V rated value ■ at 600 V rated v	— at 440 V rated value	11.5 A
	— at 600 V rated value	4 A
	• at 1 current path at DC-3 at DC-5	
	— at 24 V rated value	160 A
with 2 current paths in series at DC-3 at DC-5	— at 220 V rated value	0.6 A
with 2 current paths in series at DC-3 at DC-5	— at 440 V rated value	0.17 A
	— at 600 V rated value	0.12 A
	 with 2 current paths in series at DC-3 at DC-5 	
	— at 24 V rated value	160 A
at 440 V rated value	— at 110 V rated value	160 A
with 3 current paths in series at DC-3 at DC-5 — 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 440 V rated value — at 600 V rated value — at 400 V rated value — at 600 V rated value — at 1000 V rated value — at 330 V rated value — at 600 V rated value — at 1000 V for current peak value n=20 rated value — at 1000 V for current peak value n=20 rated value — at 1000 V for current peak value n=30 rated value — at 1000 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated value	— at 220 V rated value	2.5 A
with 3 current paths in series at DC-3 at DC-5 — 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 440 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at AC-2 at 400 V rated value • at AC-3 — at 230 V rated value — at 400 V rated value — at 690 V rated value — at 690 V rated value — at 1000 V rated value — at 1000 V rated value — at 1000 V rated value — at 230 V rated value — at 200 V rated value — at 500 V rated value — at 500 V rated value — at 500 V rated value — at 400 V rated value — at 690 V rated valu	— at 440 V rated value	0.65 A
with 3 current paths in series at DC-3 at DC-5 — 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 440 V rated value — at 440 V rated value — at 600 V rated value — at 600 V rated value — at AC-2 at 400 V rated value • at AC-3 — at 230 V rated value — at 400 V rated value — at 690 V rated value — at 690 V rated value — at 1000 V rated value — at 1000 V rated value — at 1000 V rated value — at 230 V rated value — at 200 V rated value — at 500 V rated value — at 500 V rated value — at 500 V rated value — at 400 V rated value — at 690 V rated valu		
at 24 V rated value 160 A at 110 V rated value 160 A at 220 V rated value 160 A at 220 V rated value 14. A at 600 V rated value 0.75 A at 600 V rated value 0.75 A at 320 V rated value 90 kW at 320 V rated value 90 kW at 400 V rated value 90 kW at 500 V rated value 90 kW at 500 V rated value 90 kW at 500 V rated value 132 kW at 600 V rated value 90 kW at 1000 V rated value 90 kW at 1000 V rated value 90 kW at 1000 V rated value 90 kW at 230 V rated value 90 kW at 400 V rated value 90 kW at 500 V rated value 90 kW at 600 V rated value 90 kW at 1000 V rated value 90 kW at 100 kW at 1000 V rated value 90 kW at 100 kW at 100 kW a		
at 110 V rated value 160 A at 220 V rated value 160 A at 444 OV rated value 0.75 A Operating power • at AC-2 at 400 V rated value 90 kW • at AC-3 at 230 V rated value 90 kW at 600 V rated value 90 kW at 500 V rated value 90 kW at 500 V rated value 90 kW at 500 V rated value 90 kW at 690 V rated value 90 kW at 1000 V rated value 160 kW at 1000 V rated value 90 kW at 1000 V rated value 90 kW at 230 V rated value 90 kW at 230 V rated value 90 kW at 230 V rated value 90 kW at 400 V rated value 90 kW at 500 V rated value 90 kW at 500 V rated value 90 kW at 500 V rated value 90 kW at 690 V rated value 132 kW at 690 V rated value 90 kW at 1000 V for current peak value 90 kW at 1000 V for current peak value 90 kW at 1000 V for current peak value 90 kW at 1000 V for current peak value 90 kW at 1000 V for current peak value 90 kW at 1000 V for current peak value 90 kW at 1000 V for current peak value 90 for devalue 90 kW at 1000 V for current peak value 90 for devalue 90 kW at 1000 V for current peak value 90 for devalue 90 kW at 1000 V for current peak value 90 for devalue 90 kW at 1000 V for current peak value 90 for devalue 90 kW at 1000 V for current peak value 90 for devalue 90 kW at 1000 V for current peak value 90 for devalue 9	•	160 A
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operating power		
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at AC-3 — at 230 V rated value — at 400 V rated value — at 500 V rated value — at 500 V rated value — at 500 V rated value — at 690 V rated value — at 1000 V rated value — at 1000 V rated value — at 1000 V rated value — at 230 V rated value — at 400 V rated value — at 400 V rated value — at 400 V rated value — at 500 V rated value — at 690 V rated value — at 690 V rated value — at 1000 V rated value — at 1000 V rated value — at 690 V rated value — at 1000 V rated value — at 1000 V rated value — at 400 V rated value — at 400 V rated value • at 400 V rated value • at 690 V rated value • operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value • up to 230 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value		90 kW
at 230 V rated value		OU NAV
at 400 V rated value at 500 V rated value at 690 V rated value at 1000 V rated value at 1000 V rated value at 1000 V rated value at 230 V rated value at 230 V rated value 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 1000 V rated value at 690 V rated value		55 kW
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- at 690 V rated value - at 1000 V rated value 90 kW • at AC-3e - at 230 V rated value 90 kW - at 400 V rated value 90 kW - at 500 V rated value 90 kW - at 500 V rated value 132 kW - at 690 V rated value 90 kW operating power for approx. 200000 operating cycles at AC-4 • at 400 V rated value • at 690 V rated value 100 000 kW • up to 230 V for current peak value n=20 rated value • up to 500 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 690 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value • up to 1000 V for current peak value n=20 rated value • up to 230 V for current peak value n=20 rated value • up to 1000 V for current peak value n=30 rated value • up to 230 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 500 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value • up to 690 V for current peak value n=30 rated value		
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• up to 690 V for current peak value n=30 rated value • up to 1000 V for current peak value n=30 rated value short-time withstand current in cold operating state up to 40 °C		
• up to 1000 V for current peak value n=30 rated value short-time withstand current in cold operating state up to 40 °C	·	
short-time withstand current in cold operating state up to 40 °C		
40 °C		110 000 V/1
a limited to 1 e ewitching at zero current maximum 2 000 A: Hee minimum cross section can to AC 1 reted value	40 °C	0.000 A 14
	limited to 1 s switching at zero current maximum	2 900 A; Use minimum cross-section acc. to AC-1 rated value
• limited to 5 s switching at zero current maximum 2 084 A; Use minimum cross-section acc. to AC-1 rated value	-	
• limited to 10 s switching at zero current maximum 1 480 A; Use minimum cross-section acc. to AC-1 rated value	_	
• limited to 30 s switching at zero current maximum 968 A; Use minimum cross-section acc. to AC-1 rated value	 limited to 30 s switching at zero current maximum 	968 A; Use minimum cross-section acc. to AC-1 rated value

limited to 60 s switching at zero current maximum	801 A; Use minimum cross-section acc. to AC-1 rated value
no-load switching frequency	OVERAL DESCRIPTION OF COST-SECTION ACC. TO ACT FALLED VALUE
• at AC	2 000 1/h
• at DC	2 000 1/h
	2 000 1/11
operating frequency	200 4/
• at AC-1 maximum	800 1/h
• at AC-2 maximum	300 1/h
• at AC-3 maximum	750 1/h
• at AC-3e maximum	750 1/h
at AC-4 maximum	130 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	23 26 V
at 60 Hz rated value	23 26 V
control supply voltage at DC	
rated value	23 26 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
design of the surge suppressor	with varistor
apparent pick-up power of magnet coil at AC	
• at 50 Hz	300 VA
• at 60 Hz	300 VA
inductive power factor with closing power of the coil	
• at 50 Hz	0.9
• at 60 Hz	0.9
apparent holding power of magnet coil at AC	
• at 50 Hz	5.8 VA
• at 60 Hz	5.8 VA
inductive power factor with the holding power of the coil	00 11.
• at 50 Hz	0.8
• at 60 Hz	0.8
closing power of magnet coil at DC	360 W
holding power of magnet coil at DC	5.2 W
<u> </u>	0.2 VV
closing delay	20 95 ms
• at AC	
• at DC	20 95 ms
opening delay	40 00 00
• at AC	40 60 ms
• at DC	40 60 ms
arcing time	10 15 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous 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	180 A
at 600 V rated value	192 A
yielded mechanical performance [hp]	
• for single-phase AC motor	
— at 230 V rated value	30 hp
• for 3-phase AC motor	30 Hp
— at 200/208 V rated value	60 hp
— at 200/208 V rated value — at 220/230 V rated value	75 hp
— at 460/480 V rated value	150 hp
— at 575/600 V rated value	200 hp
contact rating of auxiliary contacts according to UL	A600 / Q600
Short-circuit protection	
design of the fuse link	
for short-circuit protection of the main circuit	0.055 4.000 1/.400 14)
— with type of coordination 1 required	gG: 355 A (690 V, 100 kA)
— with type of assignment 2 required	gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415 V, 50 kA)
for short-circuit protection of the auxiliary switch required	gG: 10 A (500 V, 1 kA)
Installation/ mounting/ dimensions	
mounting position	with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back
fastening method	screw fixing
side-by-side mounting	Yes
height	172 mm
width	120 mm
denth	
depth required spacing	170 mm
required spacing	
required spacing • with side-by-side mounting	170 mm
required spacing • with side-by-side mounting — forwards	170 mm 20 mm
required spacing • with side-by-side mounting — forwards — upwards	170 mm 20 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards	170 mm 20 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side	170 mm 20 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts	170 mm 20 mm 10 mm 10 mm 0 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards	170 mm 20 mm 10 mm 10 mm 0 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards	170 mm 20 mm 10 mm 0 mm 20 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • at the side • for grounded parts — forwards — upwards — at the side	20 mm 10 mm 0 mm 20 mm 10 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards	170 mm 20 mm 10 mm 0 mm 20 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — upwards — at the side • for grounded space • for grounded parts	20 mm 10 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side • downwards — at the side — forwards — at the side — downwards • for live parts — forwards	20 mm 10 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm
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 • for live parts — forwards — upwards	20 mm 10 mm 0 mm 20 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — downwards • for live parts — forwards — upwards — downwards	20 mm 10 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — at the side — downwards — at the side	20 mm 10 mm 0 mm 20 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — downwards • for live parts — forwards — upwards — downwards	20 mm 10 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — downwards • for live parts — forwards — upwards — at the side — downwards — at the side — downwards — at the side	20 mm 10 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm
required spacing • with side-by-side mounting — forwards — upwards — downwards — at the side • for grounded parts — forwards — upwards — at the side — downwards — at the side — downwards • for live parts — forwards — upwards — at the side — downwards • for live parts — forwards — upwards — at the side Connections/ Terminals	20 mm 10 mm 10 mm 0 mm 20 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm

- for audion, and control singuit	anting leaded terminals
for auxiliary and control circuit	spring-loaded terminals
at contactor for auxiliary contacts	Spring-type terminals
of magnet coil	Spring-type terminals
type of connectable conductor cross-sections for main contacts	
• stranded	max. 1x 50, 1x 70 mm ²
 solid or stranded 	max. 1x 50, 1x 70 mm ²
 finely stranded with core end processing 	max. 1x 50, 1x 70 mm ²
finely stranded without core end processing	max. 1x 50, 1x 70 mm²
connectable conductor cross-section for main contacts	
• stranded	16 70 mm²
 finely stranded with core end processing 	70 240 mm²
 finely stranded without core end processing 	70 240 mm²
connectable conductor cross-section for auxiliary contacts	
 solid or stranded 	0.25 2.5 mm²
 finely stranded with core end processing 	0.25 1.5 mm²
 finely stranded without core end processing 	0.25 2.5 mm²
type of connectable conductor cross-sections	
for auxiliary contacts	
— 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 2.5 mm²)
for AWG cables for auxiliary contacts	2x (24 14)
AWG number as coded connectable conductor cross section	
for auxiliary contacts	18 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
B10 value with high demand rate according to SN 31920	1 000 000
T1 value for proof test interval or service life according to IEC 61508	20 a
protection class IP on the front according to IEC 60529	IP20
touch protection on the front according to IEC 60529	finger-safe, for vertical contact from the front
suitability for use	
 safety-related switching OFF 	Yes

Certificates/ approvals

General Product Approval



Confirmation





<u>KC</u>



EMC

Functional Safety/Safety of Machinery

Declaration of Conformity

Test Certificates



Type Examination Certificate



CE EG-Konf. Special Test Certificate

Type Test Certificates/Test Report

Marine / Shipping









Miscellaneous

other

Confirmation

other Railway

<u>Miscellaneous</u> <u>Vibration and Shock</u> <u>Special Test Certific-</u>

<u>ate</u>

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/qlobal/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3RT1056-7AB36-0SF1

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT1056-7AB36-0SF1}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1056-7AB36-0SF1

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

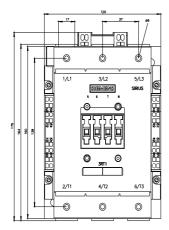
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1056-7AB36-0SF1&lang=en

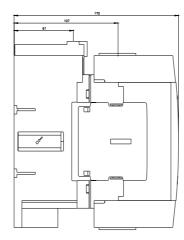
Characteristic: Tripping characteristics, I2t, Let-through current

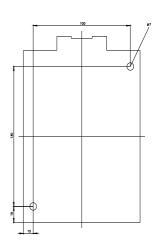
https://support.industry.siemens.com/cs/ww/en/ps/3RT1056-7AB36-0SF1/char

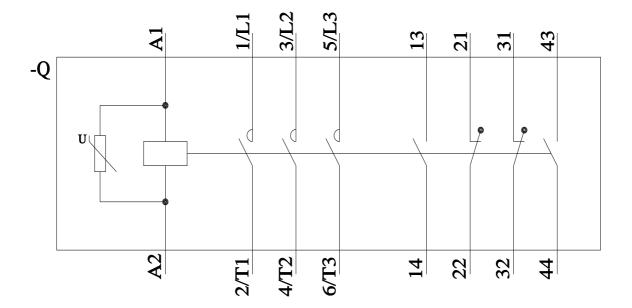
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1056-7AB36-0SF1&objecttype=14&gridview=view1









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