SIEMENS

Data sheet

3RT1056-7AB36



Power contactor, AC-3 185 A, 90 kW / 400 V AC (50-60 Hz) / DC operation 23-26 V UC Auxiliary contacts 2 NO + 2 NC 3-pole, Size S6E Busbar connections Drive: conventional with 2 box terminals 3RT19 55-4G up to 70 mm

product decimation			
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		
• per pole	13 W		
power loss [W] for rated value of the current without load current share typical	5.2 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	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 (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)	01.05.2012 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		
during storage relative humidity minimum	-55 +80 °C 10 %		

maximum	
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 rated value	215 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	215 A
— up to 690 V at ambient temperature 60 °C rated value	185 A
— up to 1000 V at ambient temperature 40 °C rated value	100 A
— up to 1000 V at ambient temperature 60 °C rated value	100 A
• at AC-3	
— 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 at AC-6a 	65 A
 at AC-ba — 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	100.1
— 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 110 V rated value — at 220 V rated value	20 A
— at 220 V rated value — at 440 V rated value	20 A 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 220 V rated value	160 A
— at 440 V rated value	11.5 A
— at 600 V rated value	4 A
operational current	
 at 1 current path at DC-3 at DC-5 	
— at 24 V rated value	160 A
— at 110 V rated value	2.5 A
— at 220 V rated value	0.6 A
— 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 110 V rated value	160 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	160 A
— at 110 V rated value	160 A
— at 220 V rated value	160 A
— at 440 V rated value	1.4 A
— at 600 V 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 	
	55 kW
— at 400 V rated value — at 500 V rated value	90 kW 132 kW
— at 690 V rated value	160 kW
— at 1000 V rated value	90 kW
operating power for approx. 200000 operating cycles	
at AC-4	
• at 400 V rated value	45 kW
• at 690 V rated value	65 kW
operating apparent power at AC-6a	
 up to 230 V for current peak value n=20 rated value 	60 000 kV·A
• up to 400 V for current peak value n=20 rated value	100 000 V·A
• up to 500 V for current peak value n=20 rated value	130 000 V·A
• up to 690 V for current peak value n=20 rated value	180 000 V·A
 up to 1000 V for current peak value n=20 rated value 	110 000 V·A
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	40 000 V·A
 up to 400 V for current peak value n=30 rated value 	70 000 V·A
• up to 500 V for current peak value n=30 rated value	90 000 V·A
• up to 690 V for current peak value n=30 rated value	120 000 V·A
 up to 1000 V for current peak value n=30 rated value 	110 000 V·A
short-time withstand current in cold operating state	
up to 40 °C	
 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 60 s switching at zero current maximum 	801 A; Use minimum cross-section acc. to AC-1 rated value		
no-load switching frequency			
• at AC	2 000 1/h		
● at DC	2 000 1/h		
operating frequency			
• at AC-1 maximum	800 1/h		
 at AC-2 maximum 	300 1/h		
• at AC-3 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	00 001/		
• 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 V·A		
• at 60 Hz	300 V·A		
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	0.0		
• at 50 Hz	5.8 V·A		
• at 60 Hz	5.8 V·A		
inductive power factor with the holding power of the coil	3.0 V A		
• at 50 Hz	0.8		
• at 50 Hz • at 60 Hz	0.8		
closing power of magnet coil at DC	360 W		
holding power of magnet coil at DC	5.2 W		
closing delay	20 05 mg		
• at AC	20 95 ms		
• at DC	20 95 ms		
opening delay			
• 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		
	6 A 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 	1A			
• 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 				
— at 200/208 V rated value	60 hp			
— 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				
- with type of coordination 1 required	gG: 355 A (690 V, 100 kA)			
	gG: 315 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 315 A (415			
	gg. 315 A (090 V, 100 KA), alvi. 200 A (090 V, 50 KA), B300. 315 A (415			
— with type of assignment 2 required	V. 50 kA)			
• for short-circuit protection of the auxiliary switch	V, 50 kA) gG: 10 A (500 V, 1 kA)			
 for short-circuit protection of the auxiliary switch required 				
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions 	gG: 10 A (500 V, 1 kA)			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height 	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width 	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth 	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width 	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing 	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm 170 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm 170 mm 20 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm 170 mm 20 mm 10 mm			
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting forwards upwards downwards 	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm 170 mm 20 mm 10 mm 10 mm			
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting forwards upwards downwards at the side 	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm 170 mm 20 mm 10 mm 10 mm			
for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm 170 mm 20 mm 10 mm 0 mm			
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting forwards upwards at the side for grounded parts forwards for grounded parts 	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm 170 mm 20 mm 0 mm 20 mm			
 for short-circuit protection of the auxiliary switch required Installation/ mounting/ dimensions mounting position fastening method side-by-side mounting height width depth required spacing with side-by-side mounting forwards upwards at the side for grounded parts forwards upwards forwards upwards forwards upwards upwards 	gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back screw fixing Yes 172 mm 120 mm 120 mm 20 mm 10 mm 0 mm 20 mm 10 mm			

- browards 20 mm - upwards 10 mm - downwards 10 mm - at the side 10 mm - at manal box terminal - at manal spring-loaded terminals - at manal max. 1x 50, 1x 70 mm² - at manal max. 1x 50, 1x 70 mm² - at wide site for main contacts 2x 10 - at wide site for main contacts 2x 10 - at wide site for auxiliary contacts 2x 10 - at wide site for auxiliary contacts 22 25 mm² - asid or stranded 18 70 mm² - asid or stranded 22 25 mm² - asid or stranded 22 25 mm² - asid or stranded 22 25 mm² - asid or stranded 18 14 Atory stranded with cor	• for live parts				
- downwards - et the side - of mm - construction 1 Control - of main control circui - of main control circui - of main control circui - of main core and processing shy stranded without core end processing and with core end processing and main and main - and with core end processing and main and main and main and main and main					
	— upwards	10 mm			
Connections / Terminals tow service of crush is a contact or auxiliary contacts box terminal spring-loaded terminals If or auxiliary and control circuit spring-loaded terminals spring-loaded terminals If or auxiliary and control circuit spring-loaded terminals spring-loaded terminals If or auxiliary contacts - infary stranded with core end processing max. 1x 50, 1x 70 mm² If may stranded with core end processing max. 1x 50, 1x 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 70 mm² If may stranded with core end processing file 14 If a wild or stranded file 70 mm² <td< td=""><td>— downwards</td><td colspan="3">10 mm</td></td<>	— downwards	10 mm			
type of electrical connectable conductor cross-sections • for mails and control circuit • a contactor for axullary contacts • of mails contacts • at AVVG cables for mails contacts • stranded • finely stranded with core end processing • of auxiliary contacts • of auxiliary		10 mm			
Arr walk current circuit Arr walk a current circuit Arr walk a contracts Arr walk a contract of processing Arr walk a contract a contract of processing Arr walk a contract a contracts Arr walk a contracts Arr walk a contracts Arr walk a contract a contracts Arr walk a contract a contract or cross sections Arr walk a contract a contracts Arr walk a contract a contracts Arr walk a contract a contract a contract a contract or cross Arr walk a contract a contract a contract a contract a contract or cross Arr walk a contract to the Contract contract from the front a contract to the Contract contract from the front a contract to the Contract contract from the front a contract to the Contract contract from the front a contract to the Contract contract from the front a contract to the Contra					
• Provide large contraction or contacts spring-based terminals Spring-based terminals Spring-based terminals Spring-base terminals Spring-base terminals • Stranded max: 1x 50, 1x 70 mm ² • Inely stranded with our end processing max: 1x 50, 1x 70 mm ² • Inely stranded with our end processing max: 1x 50, 1x 70 mm ² • Inely stranded with our end processing no 240 mm ² • Inely stranded with our end processing 0.25 25 mm ² • Inely stranded with our end processing 0.25 25 mm ² • Inely stranded with our end processing 0.25 25 mm ² • Inely stranded with our end processing 0.25 25 mm ² • Inely stranded with our end processing 0.25 25 mm ² • Inely stranded with our end processing 2x (0.25 25 mm ²) • Inely stranded with our end processing 0.25 25 mm ² • Inely stranded with our end processing 1x (0.25 25 mm ²) • Inely stranded with our end processing 1x (0.25 25 mm ²) • Inely stranded with our end processing 1x (0.25 15 mm ²) • Inely stranded withou core end processing 1x (0.25 15 mm ²) • Inely stranded withou core end processing 1x (0.25 15 mm ²)					
• a contendor for auxiliary contacts Spring-type terminals • of magnet coll Spring-type terminals Spring-type terminals Spring-type terminals • of main contacts nax. 1x 50, 1x 70 mm² • of main contacts nax. 1x 50, 1x 70 mm² • a finely stranded with core end processing nax. 1x 50, 1x 70 mm² • a finely stranded with core end processing 16 70 mm² • finely stranded with core end processing 10 20 mm² • finely stranded with core end processing 10 20 mm² • finely stranded with core end processing 0.25 25 mm² • finely stranded with core end processing 0.25 25 mm² • finely stranded with core end processing 2x (0.25 25 mm² • finely stranded with core end processing 2x (0.25 25 mm²) • for auxiliary contacts 2x (0.25 25 mm²) • for auxiliary contacts 100 000 • for auxiliary contacts 1000 000 •					
• of magnet col Spring-type terminals type of connactable conductor cross-sections max: 1x 50, 1x 70 mm² • finally stranded with core end processing max: 1x 50, 1x 70 mm² • af AVOC cables for main contacts 2x 10 • or main conductor cross-section for main contacts 16 70 mm² • af AVOC cables for main contacts 70 240 mm² • nerby stranded with core end processing 16 70 mm² • nerby stranded with core end processing 0.25 2.5 mm² • nerby stranded with core end processing 0.25 2.5 mm² • nerby stranded with core end processing 0.25 2.5 mm² • nerby stranded with core end processing 0.25 2.5 mm² • nerby stranded with core end processing 0.25 2.5 mm² • nerby stranded with core end processing 2x (0.25 2.5 mm²) • nerby stranded with core end processing 18 14 • norauliary contacts 18 14 • advor cables for auxiliary contacts 18 14 • advor cable dot 1920 product function mirror contact ace, to EEC 60927-41 Yes • advor cable dot Yes • advor cable dot Yes • advor cable dot Yes <td>5</td> <td></td>	5				
type of connectable conductor cross-sections is main contacts max. 1x 50, 1x 70 mm² - finely stranded with core end processing max. 1x 50, 1x 70 mm² - finely stranded with core end processing max. 1x 50, 1x 70 mm² - stranded max. 1x 50, 1x 70 mm²	-				
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connectable conductor cross-section for main contacts sitranded inely stranded with core end processing inely stranded without core end processing infely stranded stranded infely related data product function mirror contact acc. to IEC 60947-4-1 Yes infely related data product function mitmer or contact acc. to IEC 60529 suitability for use is affely-related switching on is affely-related switching OFF Yes retrificates/ approvals General Product Approval <u>CEC</u> <u>KC</u> <u>KC</u> <u>KC</u> <u>KC</u> <u>Functional</u> <u>Safety/Safety of</u> <u>Test Certificates</u> <u>Marine / Shipping</u> other					
contacts 16 70 mm² 9 stranded 16 70 mm² 9 inely stranded with core end processing 70 240 mm³ 9 connectable conductor cross-section for auxiliary contacts 70 240 mm³ 9 cold or stranded 0.25 2.5 mm³ 9 cold or stranded with core end processing 0.25 2.5 mm³ 9 connectable conductor cross-sections 0.25 2.5 mm³ 9 for auxiliary contacts 2x (0.25 2.5 mm³) 9 cold or stranded 2x (0.25 2.5 mm³) 9 cold or stranded 2x (0.25 2.5 mm²) 9 cold or stranded without core end processing 2x (0.25 2.5 mm²) 9 cold or stranded without core cold processing 2x (0.25 2.5 mm²) 9 cold or stranded without core end processing 10 00 000 9 cold or stranded tornectable conductor cross 10 00 000 9 cold or stranded tornectable conductor cross 10 00 000 9 cold or stranded withoing OF i Yes		_ 2x 1/0			
 inely stranded with core end processing inely stranded without core end processing connectable conductor cross-section for auxiliary inely stranded without core end processing olid or stranded inely stranded without core end processing of auxiliary contacts a solid or stranded inely stranded without core end processing of auxiliary contacts a tAWG cables for auxiliary contacts b or auxiliary contacts a taWG cables for auxiliary contacts b or auxiliary contacts c or auxiliary contacts b or auxiliary contacts b or auxiliary contacts b or auxiliary contacts c or auxiliary contacts c or auxiliary contacts d 1000 000 product function postively driven operation acc. to IEC 60529 g ately-related switching or error c ately -related switching or error c c or error<td></td><td></td>					
 • finely stranded without core end processing • solid or stranded • solid or stranded • inely stranded with core end processing • 1 finely stranded with core end processing <	 stranded 	16 70 mm²			
connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing • finely stranded with core end processing • for auxiliary contacts • solid or stranded • solid or stranded • solid or stranded • solid or stranded • finely stranded with core end processing • a solid connectable conductor cross section • for auxiliary contacts • fore auxiliary contacts • for the front acc. to IEC 6	 finely stranded with core end processing 	70 240 mm²			
contacts a solid or stranded inely stranded with core end processing inely stranded with core end processing inely stranded with core end processing a solid a solid or stranded b for auxiliary contacts a solid or stranded without core end processing b for auxiliary contacts b for auxiliary contacts a solid or stranded without core end processing b for auxiliary contacts b for auxiliary contacts b for auxiliary contacts b for auxiliary contacts c for auxiliary contacts b for auxiliary contacts c for auxiliary contacts b for auxiliary contacts c for auxiliary contacts c for auxiliary contacts b for auxiliary contacts c for auxiliary contacts for auxiliary contacts c for auxiliary contacts for auxiliary contacts for	 finely stranded without core end processing 	70 240 mm²			
 inely stranded with core end processing inely stranded without core end processing inely stranded without core end processing of a uxiliary contacts a solid a solid or stranded a solid or stranded without core end processing a fiely stranded without core end processing a tAVKG cables for auxiliary contacts a ta AVKG cables for auxiliary contacts a for auxiliary contacts a for auxiliary contacts b for auxiliary contacts b for auxiliary contacts a for auxiliary contacts b for auxiliary contacts c for auxiliary contacts b for auxiliary contacts c for auxiliary contacts b for auxiliary contacts c for auxiliary contacts for auxiliary contacts for auxiliary contacts for auxiliary contacts					
• 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) 2x (0.25 2.5 mm²) 18 14 3afety related data 1000 000 protection class IP on the front acc. to IEC 60529 suitability for use safety-related switching OFF • safety-related switching OFF Yes <tr< td=""><td>• solid or stranded</td><td>0.25 2.5 mm²</td></tr<>	• solid or stranded	0.25 2.5 mm²			
type of connectable conductor cross-sections for auxiliary contacts solid solid or stranded finely stranded with core end processing finely stranded without core end processing at AWG number as coded connectable conductor cross section for auxiliary contacts at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts at AWG cables for auxiliary contacts at AWG cables for auxiliary contacts at AWG cables for auxiliary contacts at AWG number as coded connectable conductor cross section for auxiliary contacts at a 4 at a 4	 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 at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for auxiliary contacts at AWG cables for auxiliary contacts at AWG number as coded connectable conductor cross section at AWG rables for auxiliary contacts at auxiliary contacts a	 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)			
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	suitability for use				
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Functional Safety/Safety of Test Certificates Marine / Shipping other					
Safety/Safety of Test Certificates Marine / Shipping other					
Safety/Safety of Test Certificates Marine / Shipping other					
	Safety/Safety of Test Certificates	EHL ER			

<u>Type Examination</u> <u>Certificate</u>	<u>Type Test Certific-</u> ates/Test Report	Special Test Certific- ate	ABS	RMRS	<u>Miscellaneous</u>
other			Railway		
<u>Confirmation</u>	Confirmation	<u>Miscellaneous</u>	<u>Special Test Certific-</u> <u>ate</u>		

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=3RT1056-7AB36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1056-7AB36

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

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

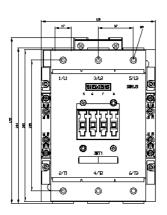
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

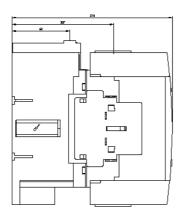
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1056-7AB36&lang=en

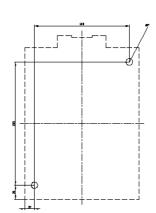
Characteristic: Tripping characteristics, I²t, Let-through current

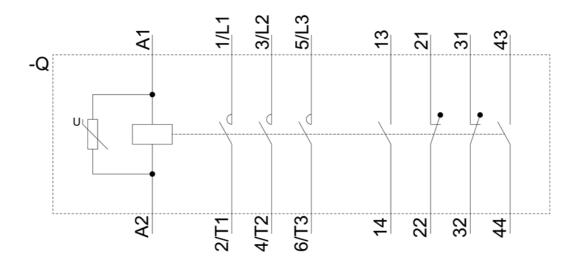
https://support.industry.siemens.com/cs/ww/en/ps/3RT1056-7AB36/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1056-7AB36&objecttype=14&gridview=view1









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