## SIEMENS

## Data sheet

## 3RT1054-1AP36



power contactor, AC-3e/AC-3 115 A, 55 kW / 400 V, AC (50-60 Hz) / DC Uc: 220-240 V 3-pole, auxiliary contacts 2 NO + 2 NC drive: conventional main circuit: box terminal control and auxiliary circuit: screw terminal

product brand name	SIRIUS			
product designation	Power contactor			
product type designation	3RT1			
General technical data				
size of contactor	S6			
product extension				
<ul> <li>function module for communication</li> </ul>	No			
auxiliary switch	Yes			
power loss [W] for rated value of the current				
<ul> <li>at AC in hot operating state</li> </ul>	21 W			
<ul> <li>at AC in hot operating state per pole</li> </ul>	7 W			
<ul> <li>without load current share typical</li> </ul>	5.2 W			
insulation voltage				
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	1 000 V			
<ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>	500 V			
surge voltage resistance				
<ul> <li>of main circuit rated value</li> </ul>	8 kV			
<ul> <li>of auxiliary circuit rated value</li> </ul>	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)				
<ul> <li>of contactor typical</li> </ul>	10 000 000			
<ul> <li>of the contactor with added electronically optimized auxiliary switch block typical</li> </ul>	5 000 000			
<ul> <li>of the contactor with added auxiliary switch block typical</li> </ul>	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 maximum	95 %			

Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
<ul> <li>at AC-3 rated value maximum</li> </ul>	1 000 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	1 000 V
operational current	
<ul> <li>at AC-1 at 400 V at ambient temperature 40 °C rated value</li> </ul>	160 A
• at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	160 A
— up to 690 V at ambient temperature 60 °C rated value	140 A
<ul> <li>— up to 1000 V at ambient temperature 40 °C rated value</li> </ul>	80 A
— up to 1000 V at ambient temperature 60 °C rated value	80 A
• at AC-3	
— at 400 V rated value	115 A
— at 500 V rated value	115 A
— at 690 V rated value	115 A
— at 1000 V rated value	53 A
• at AC-3e	
— at 400 V rated value	115 A
— at 500 V rated value	115 A
— at 690 V rated value	115 A
— at 1000 V rated value	53 A
<ul> <li>at AC-4 at 400 V rated value</li> </ul>	97 A
<ul> <li>at AC-5a up to 690 V rated value</li> </ul>	140 A
<ul> <li>at AC-5b up to 400 V rated value</li> <li>at AC-6a</li> </ul>	95 A
<ul> <li>— up to 230 V for current peak value n=20 rated value</li> </ul>	115 A
<ul> <li>— up to 400 V for current peak value n=20 rated value</li> </ul>	115 A
<ul> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>	115 A
<ul> <li>— up to 690 V for current peak value n=20 rated value</li> </ul>	115 A
<ul> <li>— up to 1000 V for current peak value n=20 rated value</li> </ul>	53 A
• at AC-6a	
<ul> <li>— up to 230 V for current peak value n=30 rated value</li> </ul>	98 A
<ul> <li>— up to 400 V for current peak value n=30 rated value</li> </ul>	98 A
— up to 500 V for current peak value n=30 rated value	98 A
— up to 690 V for current peak value n=30 rated value	98 A
<ul> <li>— up to 1000 V for current peak value n=30 rated value</li> </ul>	53 A
minimum cross-section in main circuit at maximum AC-1 rated value	70 mm²
operational current for approx. 200000 operating cycles at AC-4	
at 400 V rated value	54 A
at 690 V rated value	48 A
operational current	
at 1 current path at DC-1	
— at 24 V rated value	160 A
— at 60 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 60 V rated value	160 A
— at 110 V rated value	160 A

— at 220 V rated value	20 A
— at 440 V rated value	3.2 A
— at 600 V rated value	1.6 A
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	160 A
— at 60 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
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	160 A
— at 60 V rated value	7.5 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
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	160 A
— at 60 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
<ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	160 A
— at 60 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-3	
— at 230 V rated value	37 kW
— at 400 V rated value	55 kW
— at 500 V rated value	75 kW
— at 690 V rated value	110 kW
— at 1000 V rated value	75 kW
• at AC-3e	
— at 230 V rated value	37 kW
— at 400 V rated value	55 kW
— at 500 V rated value	75 kW
— at 690 V rated value	110 kW
— at 1000 V rated value	75 kW
operating power for approx. 200000 operating cycles at AC- 4	
<ul> <li>at 400 V rated value</li> </ul>	29 kW
at 690 V rated value	48 kW
operating apparent power at AC-6a	
up to 230 V for current peak value n=20 rated value	40 000 kVA
• up to 400 V for current peak value n=20 rated value	80 000 VA
• up to 500 V for current peak value n=20 rated value	100 000 VA
• up to 690 V for current peak value n=20 rated value	130 000 VA
• up to 1000 V for current peak value n=20 rated value	90 000 VA
operating apparent power at AC-6a	
• up to 230 V for current peak value n=30 rated value	30 000 VA
<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	60 000 VA
<ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul>	80 000 VA
<ul> <li>up to 690 V for current peak value n=30 rated value</li> </ul>	110 000 VA
• up to 1000 V for current peak value n=30 rated value	90 000 VA
short-time withstand current in cold operating state up to	
40 °C	

<ul> <li>limited to 1 s switching at zero current maximum</li> </ul>	2 565 A; Use minimum cross-section acc. to AC-1 rated value			
<ul> <li>limited to 5 s switching at zero current maximum</li> </ul>	1 654 A; Use minimum cross-section acc. to AC-1 rated value			
<ul> <li>limited to 10 s switching at zero current maximum</li> </ul>	1 170 A; Use minimum cross-section acc. to AC-1 rated value			
<ul> <li>limited to 30 s switching at zero current maximum</li> </ul>	729 A; Use minimum cross-section acc. to AC-1 rated value			
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	572 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	400 1/h			
• at AC-3 maximum	1 000 1/h			
• at AC-3e maximum	1 000 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	220 240 V			
• at 60 Hz rated value	220 240 V			
control supply voltage at DC				
rated value	220 240 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	5.0.1/4			
• at 50 Hz	5.8 VA			
• at 60 Hz	5.8 VA			
inductive power factor with the holding power of the coil	0.9			
● at 50 Hz ● at 60 Hz	0.8 0.8			
closing power of magnet coil at DC	360 W			
holding power of magnet coil at DC	5.2 W			
closing delay				
• 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			
<ul> <li>at 400 V rated value</li> </ul>	3 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				
<ul> <li>at 110 V rated value</li> </ul>	3 A				
<ul> <li>at 125 V rated value</li> </ul>	2 A				
<ul> <li>at 220 V rated value</li> </ul>	1 A				
• at 600 V rated value	0.15 A				
operational current at DC-13					
<ul> <li>at 24 V rated value</li> </ul>	10 A				
<ul> <li>at 48 V rated value</li> </ul>	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	124 A				
• at 600 V rated value	125 A				
yielded mechanical performance [hp]					
• for single-phase AC motor					
— at 230 V rated value	25 hp				
• for 3-phase AC motor					
— at 200/208 V rated value	40 hp				
— at 220/230 V rated value	50 hp				
— at 460/480 V rated value					
— at 575/600 V rated value	100 hp 125 hp				
contact rating of auxiliary contacts according to UL	A600 / Q600				
Short-circuit protection					
Short-circuit protection design of the fuse link					
Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit					
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)				
Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50				
Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required         Installation/ mounting/ dimensions	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA) gG: 10 A (500 V, 1 kA)				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required         Installation/ mounting/ dimensions	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA) gG: 10 A (500 V, 1 kA) with vertical mounting surface +/-90° rotatable, with vertical mounting surface				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required         Installation/ mounting/ dimensions         mounting position         fastening method	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA) 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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required         Installation/mounting/dimensions         mounting position         fastening method         • side-by-side mounting	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA) 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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required         Installation/ mounting/ dimensions         mounting position         fastening method         • side-by-side mounting         height	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA) 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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required         Installation/ mounting/ dimensions         mounting position         fastening method         • side-by-side mounting         height         width	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA) 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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • for short-circuit protection of the auxiliary switch required         Installation/ mounting/ dimensions         mounting position         fastening method         • side-by-side mounting         height         width         depth	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA) 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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • 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: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA) 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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • 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: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA) 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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • 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	gG: 355 A (690 V, 100 kA) gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA) 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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • 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	gG: 355 A (690 V, 100 kA)         gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)         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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         • 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: 355 A (690 V, 100 kA)         gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)         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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         • 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: 355 A (690 V, 100 kA)         gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)         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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         • 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         • for grounded parts	gG: 355 A (690 V, 100 kA)         gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)         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         0 mm         0 mm				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         • 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	gG: 355 A (690 V, 100 kA)         gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)         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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         • 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         - upwards         - upwards         - upwards	gG: 355 A (690 V, 100 kA)         gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)         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         20 mm         10 mm         10 mm				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         • 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         - at the side	gG: 355 A (690 V, 100 kA),         gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)         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				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         • 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         - at the side         - downwards	gG: 355 A (690 V, 100 kA)         gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)         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         10 mm         0 mm				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         — with type of coordination 1 required         — with type of assignment 2 required         • 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         — oforwards         — at the side         — downwards         — at the side         — odwnwards         — odwnwards         — odwnwards         — odwnwards         — odwnwards         — odwnwards         — for live parts	gG: 355 A (690 V, 100 kA)         gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)         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         10 mm				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         • 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         • for grounded parts         - at the side         - downwards         - at the side         - forwards         - for live parts         - forwards	gG: 355 A (690 V, 100 kA)         gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)         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         10 mm         20 mm         20 mm				
Short-circuit protection         design of the fuse link         • for short-circuit protection of the main circuit         - with type of coordination 1 required         - with type of assignment 2 required         • 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         - at the side         - downwards         - at the side         - forwards         - upwards         - forwards         - forwar	gG: 355 A (690 V, 100 kA)         gG: 250 A (690 V, 100 kA), aM: 200 A (690 V, 50 kA), BS88: 250 A (415 V, 50 kA)         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         10 mm				

type of electrical connection         box terminal           • for main current circuit         box terminal           • for auxiliary and control circuit         screw-type terminals           • at contactor for auxiliary contacts         Screw-type terminals           • of magnet coll         Screw-type terminals           • of magnet coll         Screw-type terminals           • solid or stranded         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           • finely stranded with core end processing         16 70 mm²           • finely stranded with core end processing         16 70 mm²           • finely stranded with core end processing         0.5 4 mm²           • finely stranded with core end processing         0.5 4 mm²           • for auxiliary contacts         - solid           • solid or stranded         0.5 4 mm²           • for auxiliary contacts         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)           • solid or stranded         0.5 4 mm²           • newly stranded with core end processing         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)           • of auxiliary contacts         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²),	— at the side		10 mm				
	Connections/ Terminals						
<ul> <li>A contact of a validity and control orcult</li> <li>A contact of a validity contacts</li> <li>A contact of a validity con</li></ul>	type of electrical connection						
• a constant or draukally contacts         Screw-type terminals           • a constant of draukally contacts         Screw-type terminals           • a standed         max: 1x 50, 1x 70 mm²           • said or stranded         max: 1x 50, 1x 70 mm²           • finely stranded without even end processing         max: 1x 50, 1x 70 mm²           • finely stranded without core and processing         1070 mm²           • finely stranded with core and processing         1070 mm²           • availant contactor cross-section for auxiliary contacts         0.54 mm²           • solid or stranded         0.54 mm²           • availanty contacts         0.54 mm²           • availanty contacts         0.54 mm²           • availanty contacts         0.515 mm²), 2x (0.7525 mm²), max: 2x (0.754 mm²)           • availanty contacts         015 mm²), 2x (0.7525 mm²), max: 2x (0.754 mm²)           • availanty contacts         015 mm²), 2x (0.7525 mm²), max: 2x (0.754 mm²)           • availanty contacts         016 mm²	<ul> <li>for main current circuit</li> </ul>		box termina	I			
or imagene coll     Screek-type terminals       type of connectable conductor cross-sections for main contact.     max. 1x 50, 1x 70 mm <sup>2</sup> infery stranded with core and processing     max. 1x 50, 1x 70 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     1670 mm <sup>2</sup> infery stranded with core and processing     154 mm <sup>2</sup> infery stranded with core and processing     1650 mm <sup>2</sup> infery stranded with core and processing     154 mm <sup>2</sup> infery stranded with core and processing     1650 mm <sup>2</sup> infery stranded with core and processing     1615 mm <sup>2</sup> , 24 (0.515 mm <sup>2</sup> )       infery stranded with core and procestop     1616 mm <sup>2</sup>	<ul> <li>for auxiliary and control circuit</li> </ul>		screw-type	screw-type terminals			
type of connectable conductor cross-section for main contacts is shind of stranded incel ystanded with core end processing cross-section for main contacts is shind of with core end processing incel ystanded with core end processing is nelly stranded stranded is nelly stranded strander (SE 69474-1 is nelly stranded strander) (SE 69474-1 is nelly stranded strander) (SE 69474-1 is nelly stranded strander) (SE 69474-1 is nelly stranded strander) is nelly stranded strander (SE 69474-1 is nelly stranded strander) (SE 69474-1 is nelly stranded strander) is nelly stranded strander is nelly stranded strander (SE 69474-1 is nelly stranded strander) is nelly	<ul> <li>at contactor for auxiliary contacts</li> </ul>		Screw-type terminals				
• stranded       • edd or stranded       • infery stranded with core end processing       • end/de       •	<ul> <li>of magnet coil</li> </ul>		Screw-type	terminals			
<ul> <li>solid or stranded</li> <li>incley stranded withou one end processing</li> <li>max. 1x 50, 1x 70 mm<sup>3</sup></li> <li>max fx 50, 1x 70 mm<sup>3</sup></li> <li>ma</li></ul>	type of connectable conductor cross-sections for ma	in contacts					
<ul> <li>finely stranded with core end processing</li> <li>max. 1x 50, 1x 70 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>for auxiliary contacts</li> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>for auxiliary contacts</li> <li>for auxiliar</li></ul>	stranded		max. 1x 50,	1x 70 mm²			
<ul> <li>infor standed without core and processing</li> <li>standed</li> <li>infor standed without core and processing</li> <li>infor standed with core and processing</li> <li>infor standed</li> <li>infor contacts</li> <li>infor standed</li> <li>infor contact according to IEC 60947-5-1</li> <li>infor standed of the fort according to IEC 60947-5-1</li> <li>infor standed information of the fort according to IEC 60947-5-1</li> <li>infor standed information of the fort according to IEC 60947-5-1</li> <li>infor standed information of the fort according to IEC 60947-5-1</li> <li>information</li> <li>information</li> <li>information of the fort according to IEC 60947-61</li> <li>information of the fort according to IEC 60947-61</li> <li>information of the fort according to IEC 60947-61</li> <li>information of the fort according to IEC 60947-61<!--</td--><td><ul> <li>solid or stranded</li> </ul></td><td></td><td colspan="5"></td></li></ul>	<ul> <li>solid or stranded</li> </ul>						
<ul> <li>infor standed without core and processing</li> <li>standed</li> <li>infor standed without core and processing</li> <li>infor standed with core and processing</li> <li>infor standed</li> <li>infor contact according to IEC 60947-4-1</li> <li>infor contact according to IEC 60947-5-1</li> <li>No</li> <li>Bto value with high demand rate according to IEC 60947-5-1</li> <li>No</li> <li>Doal contact according to IEC 60947-5-1</li> <li>No</li> <li>Bto value with high demand rate according to IEC 60529</li> <li>infor standed of the fort according to IEC 60529</li> <li>infor state desting OFF</li> <li>yes</li> <li>sately-related switching OFF</li> <li>yes</li> <li>yes attraction demanded</li> <li>the standed conduct cortact conduct cortaccording</li></ul>	<ul> <li>finely stranded with core end processing</li> </ul>						
connectable conductor crose-section for main contacts  i standed if finely standed with core end processing if is 70 mm <sup>2</sup> is 70 m <sup>2</sup> is	,						
• stranded     16 70 mm <sup>3</sup> • inely stranded withou core end processing     16 70 mm <sup>3</sup> • finely stranded withou core end processing     0.5 4 mm <sup>3</sup> • solid or stranded     0.5 4 mm <sup>3</sup> • of auxiliary contacts     0.5 4 mm <sup>3</sup> • of auxiliary contacts     0.5 15 mm <sup>3</sup> , 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )       • of auxiliary contacts     2x (0.5 1.5 mm <sup>3</sup> , 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )       • of auxiliary contacts     2x (0.5 1.5 mm <sup>3</sup> , 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )       • for auxiliary contacts     2x (0.5 1.5 mm <sup>3</sup> , 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )       • for auxiliary contacts     2x (0.5 1.5 mm <sup>3</sup> , 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )       • for auxiliary contacts     18 14 <b>Product function</b> 18 14       • not auxiliary contacts     18 14 <b>Product function</b> 1000 000       • notal according to IEC 60947-5.1     No       BTO value with high demand rate according to IEC 60529     IP20       • solidy-related switching OFF     Yes		ontacts					
<ul> <li>finely stranded with core end processing</li> <li>finely stranded with core end processing</li> <li>or auxiliary contacts</li> <li>endide vith core end processing</li> <li>for auxiliary contacts</li> <li>endide vith core end processing</li> <li>endide vith core endide conductor cross</li> <li>endide vith core endide to ElC 60529</li> <li>endide vith core endide vith core endide to ElC 60529</li> <li>endide vith core endide vith core endide conductor core endide conductor core endide conductor</li> <li>endide vith core endide vith core endide conductor core endide conductor</li> <li>endide vith core endide conductor</li> <li>endide vith core endide con</li></ul>			16 70 mm <sup>2</sup>				
• finely stranded without core and processing       16 70 mm³         connectable conductor cross-section for auxiliary contacts       0.5 4 mm³         • solid       2x (0.5 15 mm³), 2x (0.75 25 mm³, max. 2x (0.75 4 mm²)         • - solid       2x (0.5 15 mm²), 2x (0.75 25 mm³, max. 2x (0.75 4 mm²)         • - solid       2x (0.5 15 mm²), 2x (0.75 25 mm³, max. 2x (0.75 4 mm²)         • - solid       2x (0.5 15 mm²), 2x (0.75 25 mm³, max. 2x (0.75 4 mm²)         • for auxiliary contacts       18 14         MVG cables for auxiliary contacts       18 14         MVG related data       18 14         Product function       18 14         • nimer contact according to IEC 60947-5-1       No         Sto value with high demand rate according to IEC 60929       1000 000         Protection class IP on the front according to IEC 60529       1000 000         Protection class IP on the front according to IEC 60529       1000 000         • safely-related switching OFF       Yes         • safely-rela							
connectable conductor cross-section for auxiliary contacts            e solid or stranded           0.5 4 mm <sup>2</sup> e for auxiliary contacts           0.5 2.5 mm <sup>2</sup> e solid or stranded           0.5 4 mm <sup>2</sup> e solid or stranded           0.5 2.5 mm <sup>2</sup> e solid or stranded           2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )             e solid or stranded           c - 4 mm <sup>2</sup> e for AVC cables for auxiliary contacts           2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )             e for AVC cables for auxiliary contacts           Col 15 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )             e for AVC cables for auxiliary contacts           Col 15 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )             e for AVC cables for auxiliary contacts           Col 15 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )             e for AVC cables for auxiliary contacts           Col 15 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )             e for AVC cables for auxiliary contacts           for AVC cables             e for AVC cables for auxiliary contacts	, , , ,						
<ul> <li>solid or stranded</li> <li>inely stranded with core and processing</li> <li>0.52.5 mm<sup>3</sup></li> <li>0.515 mm<sup>3</sup></li> <li>0.51</li></ul>		u contacto	10 70 111	1			
<ul> <li>in ely stranded with core end processing</li> <li>0.5 2.5 mm<sup>2</sup></li> <li>vacualiary contacts</li> <li>in ely stranded with core end processing</li> <li>in ely stranded with core</li></ul>		y contacts	0.5 4 man	2			
type of connectable conductor cross-sections <ul> <li>of auxiliary contacts</li> <li>- solid</li> <li>- solid or stranded</li> <li>- finely stranded with core end processing</li> <li>- finely strander with line end strate scoreding to IEC 60947-5-1</li> <li>No</li> </ul> <li>Product function         <ul> <li>- miror contralet according to IEC 60947-5-1</li> <li>No</li> <li>- positively driven operation according to IEC 60529</li> <li>- protection class IP on the front according to IEC 60529</li> <li>- protection class end on the front according to IEC 60529</li> <li>- protection class end protection class end protection groups</li> <li>- safety-related switching OFF</li> <li>- yees</li> <li>- safety-related switching OFF</li> <li>- yees</li> <li>- confilmation</li> </ul> </li> <							
			0.5 2.5 m	m²			
- solid       2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )         - solid or stranded       - finely stranded with core end processing         - in finely stranded with core end processing       2x (0.5 1.5 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )         - for AVXIG cables for auxiliary contacts       2x (0.5 1.5 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> )         - of auxiliary contacts       15 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> )         - of auxiliary contacts       15 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> )         - of auxiliary contacts       15 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> )         - of auxiliary contacts       15 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> )         - of auxiliary contacts       15 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> )         - of auxiliary contacts       15 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> )         - of auxiliary contacts       15 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> )         - of auxiliary contacts       16 m <sup>3</sup> - of auxiliary contacts       16 m <sup>3</sup> - of auxiliary contacts       18 14         afoty related data       1000 000         - of auxiliary contacts       1000 000         - rate for or the front according to IEC 60529       1000 000         - safety-related switching OFF       Yes         - officates       Contimution         Contimution       Contimution							
- solid or stranded       2x (0.5 1,5 mm <sup>2</sup> ), 2x (0.75 2,5 mm <sup>3</sup> ), max. 2x (0,75 4 mm <sup>3</sup> )         - finely stranded with core end processing       - finely stranded with core end processing         - for AWG cables for auxiliary contacts       2x (0.5 1,5 mm <sup>3</sup> ), 2x (0.75 2,5 mm <sup>3</sup> )         WO number as coded connectable conductor cross       2x (0.5 1,5 mm <sup>3</sup> ), 2x (0.75 2,5 mm <sup>3</sup> )         - for AWG cables are coded connectable conductor cross       18 14         forty rolated data       7         product function       - in miror contact according to IEC 60947-5-1         • positively driven operation according to IEC 60947-5-1       No         B10 value with high demand rate according to IEC 60947-5-1       No         B10 value with high demand rate according to IEC 60947-5-1       No         B10 value with high demand rate according to IEC 60529       1000 000         T1 value for proof test interval or service life according to IEC 60529       Inger-safe, for vertical contact from the front         suitability for use       - safety-related switching OFF       Yes         ertificates! approvals       Confirmation       Confirmation         General Product Approval       Confirmation       Eff.C         EMC       Functional Safety/Safety of Ma- Critery       Declaration of Conformity       Test Certificates         EMC       Functional Safety/							
	— solid		2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)			4 mm²)	
• for AWG cables for auxiliary contacts       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross section       • for auxiliary contacts       18 14, 1x 12         afoty rolated data       18 14       • for auxiliary contacts       18 14         afoty rolated data       18 14       • for auxiliary contacts       18 14         afoty rolated data       18 14       • for auxiliary contacts       18 14         afoty rolated data       18 14       • for auxiliary contacts       18 14         afoty rolated data       1000 000       1000 000       1000 000         T1 value for proof test interval or service life according to IEC 60529       1020       1000 000         protection class IP on the front according to IEC 60529       IP20       IP20         touch protection on the front according to IEC 60529       IP20       IP20         sately-related switching OFF       Yes       Yes         ertificates / approvals       Ifiger-safe, for vertical contact from the front       Ifiger-safe, for vertical contact from the front         Second       Confirmation       Ifice cccc       Ifiger-safe, for vertical contact from the front       Ifiger-safe, for vertical contact from the front         suitability for use       Ifiger-safe, for vertical contact from the front       Ifiger-safe,	— solid or stranded		2x (0,5 1	5 mm²), 2x (0,75	2,5 mm²), max. 2x (0,75	4 mm²)	
AWG number as coded connectable conductor cross section              is a 14                 in for contact according to IEC 60947-5-1               Yes                 in irror contact according to IEC 60947-5-1               No                 B10 value with high demand rate according to IEC 60529               1000 000                 T1 value for proof test interval or service life according to IEC 60529               IP20                 totue for proof test interval or service life according to IEC 60529               IP20                 totue for proof test interval or service life according to IEC 60529               IP20                 totue for proof test interval or service life according to IEC 60529               IP20                 totue for proof test interval or service life according to IEC 60529               IP20                 totue for proof test interval or service life according to IEC 60529               IP20                 total data data gradity related switching OFF               Yes                 total data data gradity approvals               Confirmation                 Confirmation             Confirmation of Conformity               Test Certificates	<ul> <li>finely stranded with core end processing</li> </ul>	I	2x (0.5 1	5 mm²), 2x (0.75	2.5 mm²)		
section     0 for auxiliary contacts     18 14       of auxiliary contacts     18 14       afety related data       product function       • mirror contact according to IEC 60947-5-1       No       B10 value with high demand rate according to IEC 60947-5-1       No       B10 value with high demand rate according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529       I value for proof test interval or service life according to IEC 60529	<ul> <li>for AWG cables for auxiliary contacts</li> </ul>		2x (20 16	), 2x (18 14), 1	lx 12		
afaty related data         product function         • initror contact according to IEC 60947-4-1         • positively driven operation according to IEC 60947-5-1         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 60529         protection on the front according to IEC 60529         protection on the front according to IEC 60529         suitability for use         • safety-related switching OFF         • safety-related switching OFF         Yes         entificates/ approvals         General Product Approval         EMC       Functional Safety/Safety of Ma- Inficate         EMC       Functional Safety/Safety of Ma- Inficate         If the Examination Cer- Inficate       Type Examination Cer- Inficate         USEE       Type Examination Cer- Inficate       Special Test Certific- ate         Type Examination Cer- Inficate       Type Examination Cer- Inficate       Special Test Certific- ate	AWG number as coded connectable conductor c section	ross					
product function <ul> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li> <li>No</li> <li>B10 value with high demand rate according to S120</li> <li>1 000 000</li> <li>T value for proof test interval or service life according to IEC 60529</li> <li>protection class IP on the front according to IEC 60529</li> <li>protection on the front according to IEC 60529</li> <li>inger-safe, for vertical contact from the front</li> <li>safety-related switching OFF</li> <li>Yes</li> <li>eafery-related switching OFF</li> <li>Yes</li> <li>eafery-related switching OFF</li> <li>Yes</li> <li>eafery-related switching OFF</li> <li>Yes</li> <li>eafery-safety of Ma- chinery</li> <li>Declaration of Conformity</li> <li>Test Certificates</li> <li>ate 11 Safety Safety of Ma- chinery</li> <li>Type Examination Cer- ificate</li> <li>Ificate</li> <li>Ificate</li></ul>	<ul> <li>for auxiliary contacts</li> </ul>		18 14				
<ul> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-5-1</li> <li>No</li> <li>Positively driven operation according to IEC 60947-5-1</li> <li>P10 0000</li> <li>P20</li> <li>Continuation to the front according to IEC 60529</li> <li>restervice and the front according to IEC 60529</li> <li>rest Certificates</li> </ul>	afety related data						
<ul> <li>opositively driven operation according to IEC 60947-5-1</li> <li>No</li> </ul> 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 60529   IP20   touch protection on the front according to IEC 60529   inger-safe, for vertical contact from the front   suitability for use   • safety-related switching OFF   • safety-related switching OFF   Ves <b>Confirmation</b> Confirmation   Confirmat	product function						
<ul> <li>opositively driven operation according to IEC 60947-5-1</li> <li>No</li> </ul> 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 60529   IP20   touch protection on the front according to IEC 60529   inger-safe, for vertical contact from the front   suitability for use   • safety-related switching OFF   • safety-related switching OFF   Ves <b>Confirmation</b> Confirmation   Confirmat	<ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>		Yes	Yes			
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       20 a         Protection class IP on the front according to IEC 60529       IP20         fouch protection on the front according to IEC 60529       IP20         suitability for use       • safety-related switching OFF       Yes         • safety-related switching OFF       Yes       EMC         EMC       Functional Safety/Safety of Machinery       Declaration of Conformity       Test Certificates         EMC       Functional Safety of Machinery       Declaration of Conformity       Test Certificates         EMC       Functional Safety of Machinery       Declaration of Conformity       Test Certificates         EMC       Functional Safety Safety of Machinery       Declaration of Conformity       Test Certificates         EMC       Functional Safety Safety of Machinery       Declaration of Conformity       Test Certificates         EMC       Functional Safety Safety of Machinery       Declaration of Conformity       Test Certificates	<ul> <li>positively driven operation according to IEC 6</li> </ul>	0947-5-1					
11 value for proof test interval or service life according to IEC       20 a         61508       20 a         protection class IP on the front according to IEC 60529       IP20         fouch protection on the front according to IEC 60529       IP20         suitability for use       - safety-related switching OFF       Yes         estafely-related switching OFF       Yes         entrificates/ approvals       Confirmation       KC         General Product Approval       EMC       Functional Safety/Safety of Machinery       Declaration of Conformity         EMC       Functional Safety of Machinery       Declaration of Conformity       Test Certificates         If call       Type Examination Certificate       Special Test Certificate       Type Test Certificates         EMC       Functional Safety/Safety of Machinery       EMC       Special Test Certificates       Type Test Certificates         FCM       Type Examination Certificate       LYEE       Effect       Special Test Certificates       Type Test Certificates/Test Report							
61508       IP20         protection class IP on the front according to IEC 60529       IP20         suitability for use       inger.safe, for vertical contact from the front         suitability for use       Yes         esafety-related switching OFF       Yes         General Product Approvals       Yes         General Product Approvals       KC         EMC       Functional Safety/Safety of Machinery       Declaration of Conformity         EMC       Functional Safety/Safety of Machinery       Declaration of Conformity       Test Certificates         Ifficates       Type Examination Certificate       Special Test Certificate       Auge Test Certificates							
Suitability for use <ul> <li>safety-related switching OFF</li> <li>safety-related switching OFF</li> <li>retrificates/ approvals</li> <li>General Product Approval</li> <li>Confirmation</li> <li>Confirmation</li> <li>Confirmation</li> <li>Conformation</li> <li>Conformation</li></ul>	61508	.g .c c					
suitability for use <ul> <li>safety-related switching OFF</li> <li>Yes</li> </ul> General Product Approvals           General Product Approval	protection class IP on the front according to IEC	60529	IP20				
• safety-related switching OFF       Yes         General Product Approval       Confirmation       Image: Confirmation of conformity of confirmation of conformity of confirmation co	touch protection on the front according to IEC 60	)529					
General Product Approval         Confirmation	suitability for use						
General Product Approval       Confirmation       KC       Efficience         EMC       Functional Safety/Safety of Machinery       Declaration of Conformity       Test Certificates         EMC       Type Examination Certificate       UK       Special Test Certificates	-		Yes				
General Product Approval       Confirmation       KC       Efficience         EMC       Functional Safety/Safety of Machinery       Declaration of Conformity       Test Certificates         EMC       Type Examination Certificate       UK       Special Test Certificates         EMC       Type Examination Certificate       UK       Special Test Certificates	, 0						
Image: Confirmation       Image: Confirmation<							
Image: Sec s	The second se						
EMC     Functional Safety/Safety of Ma- chinery     Declaration of Conformity     Test Certificates       Image: With Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery     Declaration of Conformity     Test Certificates       Image: With Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery       Image: With Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery       Image: With Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery       Image: With Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery       Image: With Safety Safety of Ma- chinery     Image: Safety Safety of Ma- chinery     Image: Safety Safety Safety of Ma- chinery     Image: Safety Safet	<u>Confirmation</u>			ŝ	<u>KC</u>		
EMC     Functional Safety/Safety of Ma- chinery     Declaration of Conformity     Test Certificates       Image: With Safety of Ma- chinery       Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery       Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery       Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery       Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery       Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery       Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery       Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery     Image: With Safety of Ma- chinery       Image: With Saf	(SP	( <b>CC</b> )		(ŲL)		FHI	
EMC       Safety/Safety of Machinery       Declaration of Conformity       Test Certificates         Image: Configure of Confermination Certificate       Image: Certificate       Image: Certificate       Image: Certificate       Image: Certificate         RCM       Image: Certificate		<u> </u>		<u> </u>		LIIL	
EMC       Safety/Safety of Machinery       Declaration of Conformity       Test Certificates         Image: Configure of Confermination Certificate       Image: Certificate       Image: Certificate       Image: Certificate       Image: Certificate         RCM       Image: Certificate	C3M	ccc		UL.			
EMC       Safety/Safety of Machinery       Declaration of Conformity       Test Certificates         Image: Configure of Confermination Certificate       Image: Certificate       Image: Certificate       Image: Certificate       Image: Certificate         RCM       Image: Certificate							
EMC       Safety/Safety of Machinery       Declaration of Conformity       Test Certificates         Image: Conference of Confer	E						
Chinery     Type Examination Cer- tificate     UK CA     Special Test Certific- ate     Type Test Certific- ates/Test Report		Declaration of	Conformity		Test Certificates		
				~~			
					ale	ales/ rest Report	
	RCM			EG-Konf.			
Marine / Shipping other		_					
Marine / Shipping other							
other other	Marino / Shinning					othor	
	marine / onipping					other	



## Further information

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

https://press.siemens.com/global/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=3RT1054-1AP36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1054-1AP36

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1054-1AP36

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

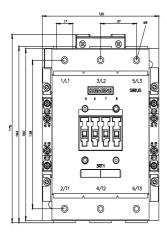
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT1054-1AP36&lang=en

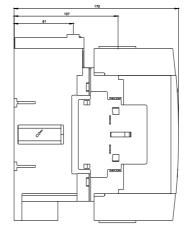
Characteristic: Tripping characteristics, I2t, Let-through current

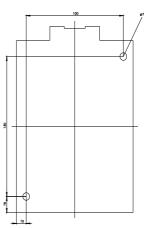
https://support.industry.siemens.com/cs/ww/en/ps/3RT1054-1AP36/char

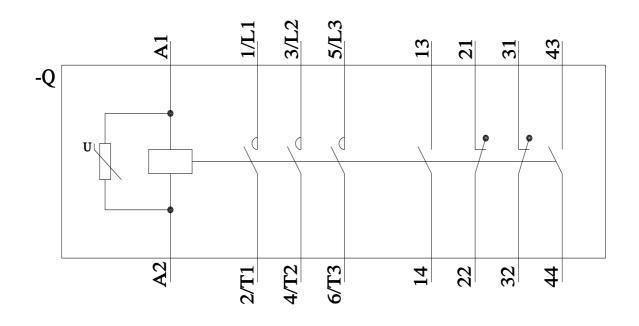
Further characteristics (e.g. electrical endurance, switching frequency)

 $\underline{http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1054-1AP36\&objecttype=14&gridview=view1$ 









last modified:

2/10/2023 🖸