## SIEMENS

## Data sheet

## 3RT1054-6AB36



power contactor, AC-3e/AC-3 115 A, 55 kW / 400 V, AC (50-60 Hz) / DC Uc: 23-26 V 3-pole, auxiliary contacts 2 NO + 2 NC drive: conventional main circuit: busbar control and auxiliary circuit: screw terminal

product brand name	SIRIUS
product brand hame	Power contactor
	3RT1
product type designation General technical data	JR11
	00
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	21 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	7 W
without load current share typical	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	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	222.1/4
• 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	0.0
• at 50 Hz	5.8 VA
• at 60 Hz	5.8 VA
inductive power factor with the holding power of the coil	
• at 50 Hz	0.8
• at 60 Hz	0.8
closing power of magnet coil at DC	360 W
holding power of magnet coil at DC	5.2 W
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
• at 400 V rated value	3 A
<ul> <li>at 500 V rated value</li> </ul>	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
<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	100 hp
— at 575/600 V rated value	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         - 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
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

Connections/Torminals         Type of electrical connection         • for auxiliary and control circuit         • or auxiliary contacts         • of magnet coll         • of magnet coll         • or auxiliary contacts         • or auxiliary contacts         • or auxiliary contacts         • stranded         connectable conductor cross-sections         • of auxiliary contacts         • stranded         • or auxiliary contacts         • of auxil
• for auxiliary and control circuit       screw-type terminals         • id contactor for auxiliary contacts       Screw-type terminals         • width of connection bar       17 mm         thickness of connection bar       3 mm         diameter of holes       1         connectable conductor cross-section for main contacts       9 mm         • effanded       25 120 mm <sup>2</sup> connectable conductor cross-section for auxiliary contacts       0.5 4 mm <sup>2</sup> • effanded       0.5 4 mm <sup>2</sup> • effanded       0.5 4 mm <sup>2</sup> • effanded       0.5 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )         • effanded       0.5 1.5 mm <sup>3</sup> , 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )         • effor 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>2</sup> )         • effor auxiliary contacts       18 14         Stept colated data       2x (20 16), 2x (18 14), 1x 12         Protection class IP on the front according to IEC 60947-61       No         B10 value with high demand rate according to IEC 60947-51       No         B10 value with high demand rate according to IEC 60947-51       No         B10 value with high demand rate according to IEC 60523       IPO0. IP20 with box terminal/cover         touch protectis on onts from according to IEC 60523
• at contactor for auxiliary contacts     Screw-type terminals       • of magnet coll     9 mm       thickness of connection bar     3 mm       diameter of holes     9 mm       number of holes     1       connectable conductor cross-section for main contacts     9 mm       • stranded     0.5 120 mm <sup>4</sup> connectable conductor cross-section for auxiliary contacts     0.5 4 mm <sup>2</sup> • olid of stranded     0.5 4 mm <sup>2</sup> • olid or stranded     0.5 4 mm <sup>2</sup> • olid or stranded     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> )       2x (0.5 15 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )       • olid or stranded     0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )       • or auxiliary contacts     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )       • or auxiliary contacts     2x (0.5 15 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )       • or auxiliary contacts     1
width of connection bar     17 mm       thickness of connection bar     3 mm       diameter of holes     9 mm       number of holes     1       connectable conductor cross-section for main contacts     25 120 mm²       connectable conductor cross-section for auxiliary contacts     0.5 4 mm²       of new stranded     0.5 4 mm²       of auxiliary contacts     - solid       - solid     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)       - solid or stranded     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)       - solid or stranded     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)       - solid or stranded     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)       - or auxiliary contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       - or auxiliary contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       - or auxiliary contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       - or auxiliary contacts     18 14       Stety related data     9 or auxiliary contacts       product function     18 14       Stety related data     9 or auxiliary contacts       product function     2a       11 value or poor lest interval or service life according to IEC 60529       12 value or poor lest interval or service life according to IEC 60529    <
thickness of connection bar     3 mm       diameter of holes     9 mm       connectable conductor cross-section for main contacts     4       • stranded     25 120 mm <sup>2</sup> connectable conductor cross-section for auxiliary contacts     0.5 4 mm <sup>2</sup> • solid or stranded     0.5 4 mm <sup>2</sup> • finally stranded with core and processing     0.5 2.5 mm <sup>3</sup> • for auxiliary contacts     - solid       - solid     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> )       - solid     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> )       - solid or stranded     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> )       - solid or stranded     2x (0.5 1.5 mm <sup>3</sup> ), 2x (0.75 2.5 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> )       - of auxiliary contacts     2x (0.5 1.5 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> )       - of auxiliary contacts     18 14       Safety related data     100 000       Product function     18 14       Safety related data     1000 000       Product function     1000 000       T value with high demand rate according to IEC 60529     1000 000       T value dive high demand rate according to IEC 60529     1000 000       T value dive strated or data caccording to IEC 60529     1000 000
diameter of holes     9 mm       number of holes     1       connectable conductor cross-section for main contacts     1       e stranded     25 120 mm²       connectable conductor cross-section for auxiliary contacts     0.5 4 mm²       e finely stranded with core end processing     0.5 4 mm²       - solid     - solid     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)       - solid     - solid     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)       - solid restanded     - finely stranded with core end processing     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)       - solid restanded     - finely stranded with core end processing     2x (0.5 15 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)       - of auxiliary contacts     18 14     Stery related data       product function     18 14       Stery related data     18 14       product function or service life according to IEC 60529     1000 000       11 value of proof test interval or service life according to IEC 60529     IPO0; IP20 with box terminal/cover       touch protection on the front according to IEC 60529     IPO0; IP20 with box terminal/cover       safely-felated structing of EC 60529     IPO0; IP20 with box terminal/cover       safely-felated structing to IEC 60529     IPO0; IP20 with box terminal/cover       safely-felated structing to
number of holes       1         connectable conductor cross-section for main contacts       25 120 mm²         istranded       25 120 mm²         connectable conductor cross-section for auxiliary contacts       0.5 4 mm²         inely stranded       0.5 2.5 mm²         type of connectable conductor cross-sections       0.5 4 mm²         inely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross section       18 14         Safety related data       74 williary contacts       18 14         Safety related ataccording to IEC 60947.5-1       No       No         P10 value with high demand rate according to IEC 60529       1000 000       11 000 000         T1 value for proof test interval or service life according to IEC 60529       Inger-safe, for vertical contact from the front with box terminal/cover         safely-related self       Yes       Confirmation       Yes </td
connectable conductor cross-section for main contacts     25 120 mm <sup>2</sup> connectable conductor cross-section for auxiliary contacts     0.5 4 mm <sup>2</sup> e solid or stranded     0.5 25 mm <sup>2</sup> type of connectable conductor cross-sections     0.5 15 mm <sup>2</sup> ), 2x (0.75 25 mm <sup>2</sup> , max. 2x (0.75 4 mm <sup>2</sup> )       e of auxiliary contacts     2x (0.5 15 mm <sup>2</sup> ), 2x (0.75 25 mm <sup>2</sup> , max. 2x (0.75 4 mm <sup>2</sup> )       - solid     2x (0.5 15 mm <sup>2</sup> ), 2x (0.75 25 mm <sup>2</sup> , max. 2x (0.75 4 mm <sup>2</sup> )       - solid or stranded     2x (0.5 15 mm <sup>2</sup> ), 2x (0.75 25 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )       - solid or stranded     2x (0.5 15 mm <sup>2</sup> ), 2x (0.75 25 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )       - solid or stranded     2x (0.5 15 mm <sup>2</sup> ), 2x (0.75 25 mm <sup>2</sup> )       - finely stranded with core end processing     2x (0.5 15 mm <sup>2</sup> ), 2x (0.75 25 mm <sup>2</sup> )       - finely stranded with core end processing     2x (0.5 15 mm <sup>2</sup> ), 2x (0.75 25 mm <sup>2</sup> )       - for auxiliary contacts     18 14       Safety related data     18 14       Product function     100 000       - 11 value with high demand rate according to IEC 60947-5-1     No       No     100 0000       T1 value for proof test interval or service life according to IEC 60529     1000 000       11 value with high demand rate according to IEC 60529     Inger-safe, for vertical contact from the front with box terminal/cover       sublibility for use     saf
• stranded       25 120 mm³         • solid or stranded       0.5 4 mm³         • finely stranded with core end processing       0.5 2.5 mm³         • for auxiliary contacts       0.5 2.5 mm³         • solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         - finely stranded with core end processing       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross       3x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross       18 14         Safety related data       1900 000         T1 value for proof test interval or service life according to IEC 60529       1000 000         T1 value for proof test interval or service life according to IEC 60529       IP00; IP20 with box terminal/cover         suitability for use       safely-related switching OFF       Yes <tr< td=""></tr<>
connectable conductor cross-section for auxiliary contacts     0.5 4 mm <sup>2</sup> • solid or stranded     0.5 2.5 mm <sup>2</sup> type of connectable conductor cross-sections     0.5 2.5 mm <sup>2</sup> • of 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> )       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> )       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> )       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> )       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> )       2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )       • for auxiliary contacts
<ul> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>of auxiliary contacts</li> <li>solid</li> <li>solid or stranded</li> <li>a solid</li> <li>a solid</li> <li>a solid or stranded</li> <li>b for AWG cables for auxiliary contacts</li> <li>b for auxiliary contacts</li> <li>b for auxiliary contacts</li> <li>b for auxiliary contacts</li> <li>b for auxiliary contacts</li> <li>c for auxiliary contacts</li> <li>b for auxiliary contacts</li> <li>b for auxiliary contacts</li> <li>c for auxiliary contacts</li> <li>b for auxiliary contacts</li> <li>b for auxiliary contacts</li> <li>c for auxiliary contacts</li> <li>d for auxiliary contacts</li> <li>f for auxi</li></ul>
• finely stranded with core end processing       0.5 2.5 mm²         • for auxiliary contacts       - solid         • solid or stranded       - solid or stranded         • finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         • for auxiliary contacts       18 14         State       18 14         State       18 14         State       18 14         State       1900; 1P20 with box terminal/cover         inprotection class IP on the front according to IEC 60529       1000 000         11 value with high demand rate according to IEC 60529       1000 000         11 value for proof test interval or service life according to IEC 60529       1000 000         11 value for proof test interval or service life according to IEC 60529       1000 000         12 value with high demand rate according to IEC 60529       1000 000         13 value for proof test interval or service life according to IEC 60529       1000 000         14 value for proof test interval or service life according to IEC 60529       1000 000         17 value for protection on the front according to IEC 605
type of connectable conductor cross-sections         • for auxiliary contacts         - solid         2x (0.5 1.5 mm³), 2x (0.75 2.5 mm³), max. 2x (0.75 4 mm³)         2x (0.5 1.5 mm³), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts         AWG number as coded connectable conductor cross section         • for auxiliary contacts         18 14         Safety 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         Iptotection class IP on the front according to IEC 60529         Iptotection class IP on the front according to IEC 60529         safety-related switching OFF         yes         Contificates/ approvals         Central product Approvals         Contimation         Encer         Image: Safety/Safety of Ma-         Declaration of Conformity
<ul> <li>for auxiliary contacts         <ul> <li>solid</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>for AWG cables for auxiliary contacts</li> </ul> </li> <li>Argentiation of the stranded connectable conductor cross section         <ul> <li>for auxiliary contacts</li> <li>argentiation of the stranded conductor cross section</li> <li>for auxiliary contacts</li> <li>argentiation of the stranded conductor cross section</li> <li>for auxiliary contacts</li> <li>argentiation of the stranded conductor cross section</li> <li>argentiating of the stranded conductor crose section class IP on the fro</li></ul></li></ul>
<ul> <li>- solid or stranded</li> <li>- finely stranded with core end processing</li> <li>• for AWG cables for auxiliary contacts</li> <li>• for AWG cables for auxiliary contacts</li> <li>• for auxiliar</li></ul>
• 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         Safety related data       • mirror contact according to IEC 60947-4-1       Yes         • positively driven operation according to IEC 60947-5-1       No         B10 value with high demand rate according to IEC 60547-5-1       No         B10 value with high demand rate according to IEC 60529       1 000 000         T1 value for proof test interval or service life according to IEC 60529       IP00; IP20 with box terminal/cover         four protection on the front according to IEC 60529       IP00; IP20 with box terminal/cover         safety-related switching OFF       Yes         Cortificates/ approvals       Yes         General Product Approval       Confirmation         EMC       Functional Safety/Safety of Ma-         Declaration of Conformity       Test Certificates
AWG number as coded connectable conductor cross section <ul> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>a 14</li> </ul> Safety related data <ul> <li>product function</li> <li>mirror contact according to IEC 60947-5-1</li> <li>Pto value with high demand rate 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         1 000 000         20 a           protection class IP on the front according to IEC 60529         IPO0; IP20 with box terminal/cover         1 finger-safe, for vertical contact from the front with box terminal/cover           touch protection on the front according to IEC 60529         IPO0; IP20 with box terminal/cover         1 finger-safe, for vertical contact from the front with box terminal/cover           suitability for use <ul> <li>safety-related switching OFF</li> <li>Yes</li> </ul> Cortificates/ approvals             General Product Approval <ul> <li>Confirmation</li> <li> <ul> <li>safety/Safety of Ma-</li> <li>Conformity</li> <li>Test Certificates</li> </ul></li></ul>
section     18 14       Safety related data
• for auxiliary contacts       18 14         Safety related data         product function       • mirror contact according to IEC 60947-4-1         • positively driven operation according to IEC 60947-5-1       No         B10 value with high demand rate according to SN 31920       1 000 000         T1 value for proof test interval or service life according to IEC 60529       IP00; IP20 with box terminal/cover         fucuch protection on the front according to IEC 60529       IP00; IP20 with box terminal/cover         suitability for use       • safety-related switching OFF       Yes         • safety-related switching OFF       Yes       Confirmation         Certificates/ approvals         Confirmation         KC         More colspan="2">KC         Functional Safety/Safety of Ma         Declaration of Conformity
Safety related data         product function         • mirror contact according to IEC 60947-4-1       Yes         • positively driven operation according to IEC 60947-5-1       No         B10 value with high demand rate according to SN 31920       1 000 000         T1 value for proof test interval or service life according to IEC 60529       IP00; IP20 with box terminal/cover         protection class IP on the front according to IEC 60529       IP00; IP20 with box terminal/cover         suitability for use       • safety-related switching OFF         • safety-related switching OFF       Yes         Certificates/ approvals         Confirmation         KC         Functional Safety/Safety of Ma-         EMC
product function
• mirror contact according to IEC 60947-4-1       Yes         • positively driven operation according to IEC 60947-5-1       No         B10 value with high demand rate according to SN 31920       1 000 000         T1 value for proof test interval or service life according to IEC 60529       1 000 (IP20) with box terminal/cover         touch protection class IP on the front according to IEC 60529       IP00; IP20 with box terminal/cover         suitability for use       • safety-related switching OFF       Yes         Certificates/ approvals       Yes         General Product Approval       Confirmation       KC         EMC       Functional safety/Safety of Ma-       Declaration of Conformity       Test Certificates
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         G1508       Protection class IP on the front according to IEC 60529       IP00; IP20 with box terminal/cover         touch protection on the front according to IEC 60529       IP00; IP20 with box terminal/cover         suitability for use       • safety-related switching OFF       Yes         Certificates/ approvals       Confirmation       KC         General Product Approval       Confirmation       KC         EMC       Functional Safety/Safety of Ma-       Declaration of Conformity       Test Certificates
T1 value for proof test interval or service life according to IEC       20 a         f1508       protection class IP on the front according to IEC 60529       IP00; IP20 with box terminal/cover         touch protection on the front according to IEC 60529       finger-safe, for vertical contact from the front with box terminal/cover         suitability for use       • safety-related switching OFF       Yes         Certificates/ approvals       Cenfirmation       KC         General Product Approval       Confirmation       KC         Emc       Functional Safety/Safety of Ma-       Declaration of Conformity       Test Certificates
61508       protection class IP on the front according to IEC 60529       IP00; IP20 with box terminal/cover         touch protection on the front according to IEC 60529       finger-safe, for vertical contact from the front with box terminal/cover         suitability for use <ul> <li>safety-related switching OFF</li> <li>Yes</li> <li>Certificates/ approvals</li> <li>General Product Approval</li> <li>Confirmation</li> <li>Confirmation</li> <li>Confirmation</li> <li>KC</li> <li>EMC</li> <li>Functional Safety/Safety of Ma- Declaration of Conformity</li> <li>Test Certificates</li> </ul>
protection class IP on the front according to IEC 60529       IP00; IP20 with box terminal/cover         touch protection on the front according to IEC 60529       finger-safe, for vertical contact from the front with box terminal/cover         suitability for use       • safety-related switching OFF       Yes         • safety-related switching OFF       Yes         Certificates/ approvals       Confirmation         General Product Approval       Confirmation         Ccc       EMC         Functional Safety/Safety of Ma-       Declaration of Conformity       Test Certificates
touch protection on the front according to IEC 60529       finger-safe, for vertical contact from the front with box terminal/cover         suitability for use • safety-related switching OFF       Yes         Certificates/ approvals         Confirmation         KC         EMC         Functional Safety/Safety of Ma-         Declaration of Conformity
suitability for use • safety-related switching OFF       Yes         Certificates/ approvals         Certificates/ approvals         Confirmation         KC         Confirmation         KC         EMC         Functional Safety/Safety of Ma-         Declaration of Conformity
• safety-related switching OFF Yes  Certificates/ approvals  General Product Approval  Confirmation  Confirmation  KC  Eff E  EMC  Functional Safety/Safety of Ma- Declaration of Conformity  Test Certificates
Certificates/ approvals         General Product Approval         Image: Confirmation in the second
General Product Approval         Image: Confirmation in the second
Image: Confirmation       KC         Image: Confirmation       Image: Confirmation         Image: Confirmation       Image: Confirmation       Image: Confirmation         Image: Confirmation       Image: Confirmation       Image: Confirmation       Image: Confirmation         Image: Confirmation       Image: Confirmation       Image: Confirmation       Image: Confirmation       Image: Confirmation         Image: Confirmation       Image: Confirmation       Image: Confirmation       Image: Confirmation
EMC Functional Safety/Safety of Ma- Declaration of Conformity Test Certificates
EMC Functional Safety/Safety of Ma- Declaration of Conformity Test Certificates
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RCM Type Examination Cer- tificate UK CA CE Certific- ate Type Test Certific- ates/Test Report
tificate <b>PN</b> (f ate ates/Test Report
RCM EG-Konf.
Test Certificates Marine / Shipping
Miscellaneous
Llovds (2) ((1)
Kegster () ()
ABS LRS PRS RMRS CONV-GL
ABS LIRS PRS RMRS (DNV-GL
other Railway

7/10/2023

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Confirmation	0 0		
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**Miscellaneous** 

**Confirmation** 

Vibration and Shock

## 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=3RT1054-6AB36

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1054-6AB36

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT1054-6AB36

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

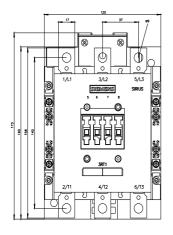
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT1054-6AB36&lang=en

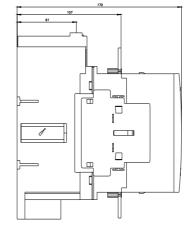
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

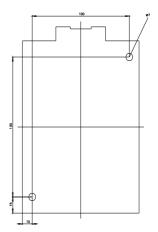
https://support.industry.siemens.com/cs/ww/en/ps/3RT1054-6AB36/char

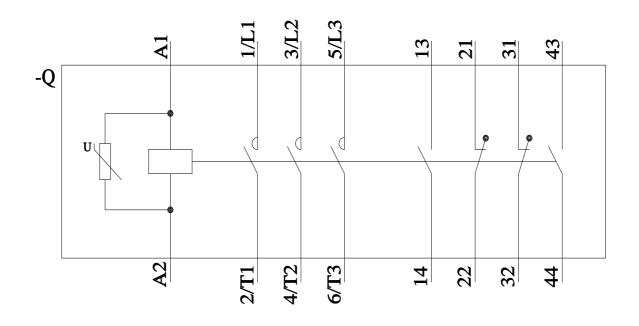
Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1054-6AB36&objecttype=14&gridview=view1









last modified:

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