## SIEMENS

## Data sheet

## 3RT2026-1BG40



power contactor, AC-3e/AC-3, 25 A, 11 kW / 400 V, 3-pole, 125 V DC, auxiliary contacts: 1 NO + 1 NC, screw terminal, size: S0

6/13	
product brand name	SIRIUS
product designation	Power contactor
product type designation	3RT2
General technical data	
size of contactor	S0
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>	5.7 W
<ul> <li>at AC in hot operating state per pole</li> </ul>	1.9 W
<ul> <li>without load current share typical</li> </ul>	5.9 W
type of calculation of power loss depending on pole	quadratic
insulation voltage	
<ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>	690 V
of auxiliary circuit with degree of pollution 3 rated value	690 V
surge voltage resistance	
<ul> <li>of main circuit rated value</li> </ul>	6 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	400 V
shock resistance at rectangular impulse	
• at DC	10g / 5 ms, 7,5g / 10 ms
shock resistance with sine pulse	
• at DC	15g / 5 ms, 10g / 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)	10/01/2009
Weight	0.595 kg
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 %

Environmental footprint	
Environmental Product Declaration(EPD)	Yes
global warming potential [CO2 eq] total	221 kg
global warming potential [CO2 eq] during manufacturing	2.65 kg
global warming potential [CO2 eq] during operation	219 kg
global warming potential [CO2 eq] after end of life	-0.639 kg
Main circuit	
number of poles for main current circuit	3
number of NO contacts for main contacts	3
operating voltage	
at AC-3 rated value maximum	690 V
<ul> <li>at AC-3e rated value maximum</li> </ul>	690 V
operational current	
• at AC-1 at 400 V at ambient temperature 40 °C rated value	40 A
● at AC-1	
— up to 690 V at ambient temperature 40 °C rated value	40 A
— up to 690 V at ambient temperature 60 °C rated value	35 A
• at AC-3	
— at 400 V rated value	25 A
— at 500 V rated value	18 A
<ul> <li>— at 690 V rated value</li> <li>• at AC-3e</li> </ul>	13 A
• at 400 V rated value	25 A
— at 500 V rated value	18 A
— at 690 V rated value	13 A
• at AC-4 at 400 V rated value	15.5 A
• at AC-5a up to 690 V rated value	35.2 A
• at AC-5b up to 400 V rated value	20.7 A
• at AC-6a	
— up to 230 V for current peak value n=20 rated value	20.2 A
— up to 400 V for current peak value n=20 rated value	20.2 A
<ul> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>	20.2 A
— up to 690 V for current peak value n=20 rated value	12.9 A
• at AC-6a	
<ul> <li>— up to 230 V for current peak value n=30 rated value</li> </ul>	13.5 A
<ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>	13.5 A
<ul> <li>— up to 500 V for current peak value n=30 rated value</li> </ul>	13.5 A
— up to 690 V for current peak value n=30 rated value	13 A
minimum cross-section in main circuit at maximum AC-1 rated value	10 mm <sup>2</sup>
operational current for approx. 200000 operating cycles at AC-4	
• at 400 V rated value	9 A
at 690 V rated value	9 A
operational current	
• at 1 current path at DC-1	
— at 24 V rated value	35 A
- at 60 V rated value	20 A
- at 110 V rated value	4.5 A
— at 220 V rated value	1A
— at 440 V rated value	0.4 A
<ul> <li>— at 600 V rated value</li> <li>with 2 current paths in series at DC-1</li> </ul>	0.25 A
with 2 current paths in series at DC-1     — at 24 V rated value	35 A
— at 24 V rated value — at 60 V rated value	35 A 35 A
— at 110 V rated value	35 A 5 A
— at 220 V rated value — at 440 V rated value	5 A 1 A
— at 600 V rated value	0.8 A
	0.0 A

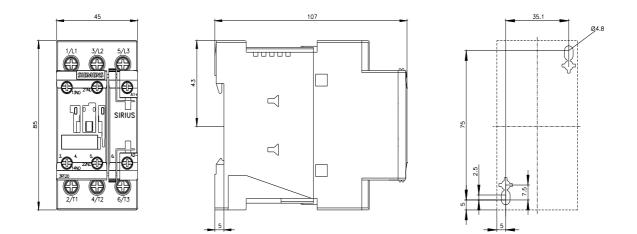
<ul> <li>with 3 current paths in series at DC-1</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	35 A
— at 440 V rated value	2.9 A
— at 600 V rated value	1.4 A
<ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	20 A
— at 60 V rated value	5 A
— at 110 V rated value	2.5 A
— at 220 V rated value	1 A
— at 440 V rated value	0.09 A
— at 600 V rated value	0.06 A
<ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	15 A
— at 220 V rated value	3 A
— at 440 V rated value	0.27 A
— at 600 V rated value	0.16 A
• with 3 current paths in series at DC-3 at DC-5	
— at 24 V rated value	35 A
— at 60 V rated value	35 A
— at 110 V rated value	35 A
— at 220 V rated value	10 A
— at 440 V rated value	0.6 A
— at 600 V rated value	0.6 A
operating power	0.0 A
at AC-2 at 400 V rated value	11 kW
• at AC-3	
- at 230 V rated value	5.5 kW
— at 400 V rated value	11 kW
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
• at AC-3e	
— at 230 V rated value	5.5 kW
— at 400 V rated value	11 kW
— at 500 V rated value	11 kW
— at 690 V rated value	11 kW
operating power for approx. 200000 operating cycles at AC- 4	
<ul> <li>at 400 V rated value</li> </ul>	4.4 kW
at 400 V rated value	7.7 kW
operating apparent power at AC-6a	
	8 kVA
<ul> <li>up to 230 V for current peak value n=20 rated value</li> <li>up to 400 V for current peak value n=20 rated value</li> </ul>	3.9 kVA
up to 500 V for current peak value n=20 rated value	17.4 KVA
• up to 690 V for current peak value n=20 rated value	15.4 kVA
operating apparent power at AC-6a	E 0 13/4
• up to 230 V for current peak value n=30 rated value	5.3 KVA
• up to 400 V for current peak value n=30 rated value	9.3 KVA
• up to 500 V for current peak value n=30 rated value	11.6 kVA
• up to 690 V for current peak value n=30 rated value	15.5 kVA
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>	375 A; Use minimum cross-section acc. to AC-1 rated value
-	
<ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> </ul>	300 A; Use minimum cross-section acc. to AC-1 rated value 210 A; Use minimum cross-section acc. to AC-1 rated value
<ul> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> </ul>	144 A; Use minimum cross-section acc. to AC-1 rated value
-	
<ul> <li>limited to 60 s switching at zero current maximum</li> </ul>	118 A; Use minimum cross-section acc. to AC-1 rated value

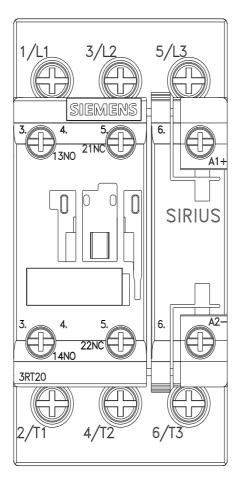
no-load switching frequency	
• at DC	1 500 1/h
operating frequency	
• at AC-1 maximum	1 000 1/h
• at AC-2 maximum	750 1/h
● at AC-3 maximum	750 1/h
• at AC-3e maximum	750 1/h
• at AC-4 maximum	250 1/h
Control circuit/ Control	
type of voltage of the control supply voltage	DC
control supply voltage at DC rated value	125 V
operating range factor control supply voltage rated value of magnet coil at DC	
<ul> <li>initial value</li> </ul>	0.8
• full-scale value	1.1
closing power of magnet coil at DC	5.9 W
holding power of magnet coil at DC	5.9 W
closing delay	
• at DC	50 170 ms
opening delay	
• at DC	15 18 ms
arcing time	10 10 ms
control version of the switch operating mechanism	Standard A1 - A2
Auxiliary circuit	
number of NC contacts for auxiliary contacts instantaneous contact	1
number of NO contacts for auxiliary contacts instantaneous contact	1
operational current at AC-12 maximum	10 A
operational current at AC-15	
• at 230 V rated value	10 A
• at 400 V rated value	3 A
• at 500 V rated value	2 A
• at 690 V rated value	1 A
operational current at DC-12	
• at 24 V rated value	10 A
• at 48 V rated value	6 A
• at 60 V rated value	6 A
• at 110 V rated value	3 A
• at 125 V rated value	2 A
• at 220 V rated value	1 A
• at 600 V rated value	0.15 A
operational current at DC-13	
at 24 V rated value	10 A
at 48 V rated value	2 A
• at 60 V rated value	2 A
• at 110 V rated value	1 A
• at 125 V rated value	0.9 A
at 220 V rated value	0.3 A
at 600 V rated value	0.1 A
contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
UL/CSA ratings	
full-load current (FLA) for 3-phase AC motor	
at 480 V rated value	21 A
at 600 V rated value	22 A
yielded mechanical performance [hp]	
for single-phase AC motor	
or single-phase AC motor         — at 110/120 V rated value	2 hn
	2 hp
	2 hn
— at 230 V rated value	3 hp
	3 hp 5 hp

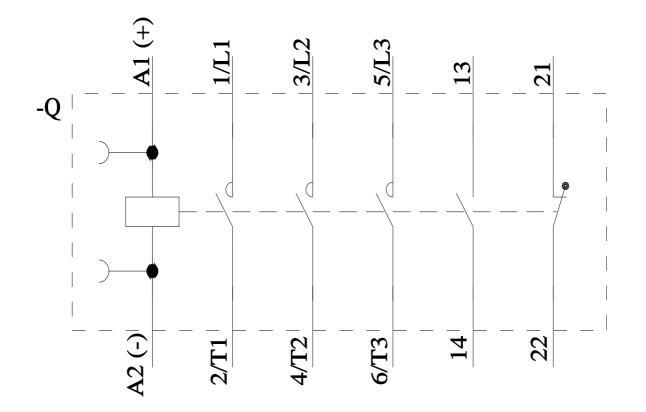
	— at 220/230 V rated value	7.5 hp
contracting of auxiliary contacts according to UL         A600 / P000           Start strating of auxiliary contacts according to UL         A600 / P000           Characteristic: 10 A, 0.4 IA         Characteristic: 10 A, 0.4 IA           every of the face link         every of accordination of the main accuration accuration of the main accuration of the main accura		
Stand-Cloud problem         Characteristic: 10 A, 0.4 kA           of the swilling viscul up to 230 V         Characteristic: 10 A, 0.4 kA           design of the task link:         For short-chrout protection of the main circuit           - with type of coordination 1 required         gG: 10 A (890 V, 100 kA), add. 50 A (890 V, 100 kA), BSBE 100 A (415 V, 80 QA);           - with type of coordination 1 required         gG: 10 A (890 V, 100 kA), add. 50 A (890 V, 100 kA), BSBE 100 A (415 V, 80 QA);           Statisticities and the switch required         gG: 10 A (800 V, 1 kA)           Statisticities and the switch required         gG: 10 A (800 V, 1 kA);           Statisticities and the main circuit is switch required         gG: 10 A (800 V, 1 kA);           Statistic method         switch mounting surface; can be titled forward and biological possible on vertical mounting surface; can be titled forward and biological possible on vertical mounting surface; can be titled forward and biological possible on vertical mounting surface; can be titled forward and biological possible on vertical mounting surface; can be titled forward and biological possible on vertical mounting surface; can be titled forward and biological possible on vertical mounting surface; can be titled forward and biological possible on vertical mounting surface; can be titled forward and biological possible on vertical mounting surface; can be titled forward and biological possible on vertical mounting surface; can be titled forward and biological possible on vertical mounting surface; can be titled forward and biological possible on vertical mounting surface; can be titled forward and biological possible on vertical mounting surface;		•
design of the missium circuit broaker for shoch circuit protection of the auxiliary carue to 23.9 V         C characteristic: 10 A: 0.4 kA           design of the fuse link • for shoch circuit protection of the min dictuit - with type of coordination 1 required         G: 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (415 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 kA), BS86: 100 A (416 V, 80 g); 100 A (600 V, 100 kA), akt: 50 A (650 V, 100 KA), BS86: 100 A (416 V, 80 g); 100 A (600 V, 100 KA), akt: 50 A (650 V, 100 KA), BS86: 100 A (416 V, 80 g); 100 A (600 V, 100 KA), akt: 50 A (650 V, 100 KA), BS86: 100 A (416 V, 80 g); 100 A (600 V, 100 KA), akt: 100 A (600 V, 100 KA), akt: 100 A (600 KA), akt: 100 A (600 K		
design of the fues link. <ul> <li>of stort-focal protection de main actual</li> <li>get. 100 A (690 V, 100 kA), a.M. 50 A (690 V, 100 kA), BSS8: 100 A (415 V, 80</li> <li>por stort-focal protection of the auxiliary switch required</li> <li>get. 100 A (690 V, 100 kA), a.M. 50 A (690 V, 100 kA), BSS8: 100 A (415 V, 80</li> <li>por stort-focal protection of the auxiliary switch required</li> <li>get. 100 A (690 V, 100 kA), a.M. 50 A (690 V, 100 kA), BSS8: 100 A (415 V, 80</li> <li>post stort-focal protection of the auxiliary switch required</li> <li>get. 100 A (690 V, 100 kA), a.M. 50 A (690 V, 100 kA), BSS8: 100 A (415 V, 80</li> <li>post stort-focal protection of the auxiliary switch required</li> <li>get. 100 A (690 V, 100 kA), a.M. 50 A (690 V, 100 kA), BSS8: 100 A (415 V, 80</li> <li>post stort-focal protection of the auxiliary switch required</li> <li>get. 100 A (690 V, 100 kA), a.M. 50 A (690 V, 100 kA), BSS8: 100 A (415 V, 80</li> <li>post stort-focal protection of the auxiliary switch required</li> <li>get. 100 A (690 V, 100 kA), a.M. 50 A (690 V, 100 kA), BSS8: 100 A (415 V, 80</li> <li>post stort-focal protection of the auxiliary switch required</li> <li>post stort-focal protection of the auxiliary</li></ul>	design of the miniature circuit breaker for short-circuit protection	C characteristic: 10 A; 0.4 kA
	· · · · · · · · · · · · · · · · · · ·	
with type of coordination 1 required with type of coordination 1 required (), (10 0, (10 0, 10, 10, 10, 10, 10, 10, 10, 10, 10	-	
ick)         ick)           ick of chick protection of the auxiliary switch required         get 100 (400 V, 14k))           Installation mounting dimensions         ick (400 V, 14k))           mounting position         ick (400 V, 14k)           fastering method isde-by-side mounting         ves           fastering method         screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715           holght         45 mm           depth         107 mm           required spacing         interview and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715           interview and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715         interview and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715           interview and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715         interview and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715           interview and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715         interview and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715           interview and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715         interview and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715           interview and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715         interview and snap-on mounting onto 35 mm DIN rail according to DIN EN 80715           interview and snap-on mounting to the snap and snap and to the sold <t< td=""><td>-</td><td>2C: 100 A (200 V 100 KA) 2N; 50 A (200 V 100 KA) DS20; 100 A (415 V 20</td></t<>	-	2C: 100 A (200 V 100 KA) 2N; 50 A (200 V 100 KA) DS20; 100 A (415 V 20
Instaliation mounting dimensions         +180° rotation possible on vertical mounting surface: can be titled forward and backward by +2.22° in vertical mounting surface.           fastening method side-by-aloa mounting         Yes           fastening method side-by-aloa mounting         Yes           fastening method         screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715           height         45 mm           depth         107 mm           required spacing         • with side-by-alde mounting           - forwards         10 mm           - downwards         10 mm </td <td>— with type of coordination if required</td> <td></td>	— with type of coordination if required	
meunting position         +/160° rotation possitio or vertical mounting surface; can be illed forward and backword by //.22.8° or vertical mounting surface; can be illed forward and backword by //.22.8° or vertical mounting surface; can be illed forward and backword by //.22.8° or vertical mounting surface; can be illed forward and backword by //.22.8° or vertical mounting surface; can be illed forward and backword by //.22.8° or vertical mounting surface; can be illed forward and backword by //.22.8° or vertical mounting surface; can be illed forward by //.22.8° or verthype terminals surface where terminals surface wher	<ul> <li>for short-circuit protection of the auxiliary switch required</li> </ul>	gG: 10 A (500 V, 1 kA)
Instrument of side-by-side mounting         Ves           fastening method side-by-side mounting         Yes           fastening method side-by-side mounting         Simm           width         45 mm           depth         107 mm           required spacing         0 mm           - forwards         10 mm           - downwards         0 mm           - downwards         0 mm           - downwards         10 mm           - for nain current circuit <ts< td=""><td>Installation/ mounting/ dimensions</td><td></td></ts<>	Installation/ mounting/ dimensions	
fastening method     Yes       fastening method     screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715       height     85 mm       width     45 mm       depth     107 mm       required spacing     107 mm       - upwards     10 mm       - downwards     10 mm       - at he side     6 mm       Or maxiliary and control circuit     screw-type terminals       of main current circuit     screw-type terminals       of maxiliary co	mounting position	
festening method       acrew and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715         height       85 mm         width       45 mm         depth       107 mm         required spacing       10 mm         - upwards       10 mm         - downwards       10 mm         - downwards </td <td></td> <td>, , , , , , , , , , , , , , , , , , ,</td>		, , , , , , , , , , , , , , , , , , ,
height     95 mm       with     45 mm       depth     107 mm       requided spacing     10 mm       - upwards     10 mm       - upwards     10 mm       - upwards     10 mm       - downards     10 mm       - downards     10 mm       - upwards     10 mm       - downards     10 mm       - upwards     10 mm       - downwards     10 mm       - upwards     10 mm       - downwards     10 mm       - downwards     10 mm       - downwards     10 mm       - downwards     5 mm       Yee of electrical connection     screw-type terminals       of maxiliary and control circuit     screw-type terminals       yee of on main current circuit     screw-type terminals       of maxiliary contacts     Screw-type terminals       of maxiliary and control circuit     screw-type terminals       of maxiliary contacts     Screw-type terminals       <		
width         46 mm           dopth         107 mm           required spacing         107 mm           • with side-by-side mounting         -           - forwards         10 mm           - upwards         10 mm           - downwards         00 mm           - downwards         10 mm           - downwards         10 mm           - forwards         10 mm           - upwards         10 mm           - upwards         10 mm           - downwards         2 mm </td <td></td> <td></td>		
depth     107 mm       required spacing     10 mm       - forwards     10 mm       - upwards     10 mm       - upwards     10 mm       - downwards     10 mm       - at the side     0 mm       - forwards     10 mm       - at the side     0 mm       - forwards     10 mm       - at the side     0 mm       - at the side     0 mm       - at the side     6 mm       - downwards     10 mm       - downwards		
required spacing         • with side-by-side mounting         - forwards         - upwards         10 mm         - downwards         - downwards         0 mm         - downwards         0 mm         - downwards         0 mm         - downwards         10 mm         - upwards         - downwards         10 mm         - at the side         6 mm         - downwards         10 m		
with side-by-side mounting	•	
- forwards     10 mm       - upwards     10 mm       - upwards     10 mm       - at the side     0 mm       - for grounded parts     0 mm       - forwards     10 mm       - upwards     10 mm       - upwards     10 mm       - upwards     10 mm       - upwards     10 mm       - downwards     10 mm       - for auxiliary and contol		
upwards10 mm downwards0 mm drowards0 mm for grounded parts forwards10 mm upwards10 mm upwards10 mm at the side6 mm downwards10 mm downwards10 mm forwards10 mm forwards10 mm forwards10 mm upwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards5 mmConnections/Torminals5 mmYppe of electrical connection5 mm for auxiliary and control circuitscrew-type terminals for auxiliary contactsScrew-type terminals solid2x (1 25 mm?), 2x (25 10 mm?) solid1 10 mm² for AWG cables for main contacts2x (16 12), 2x (14 8)connectable conductor cross-section for main contacts2x (16 12), 2x (14 8)connectable conductor cross-sections1 10 mm² for auxiliary contacts2x (0.5 15 mm?), 2x (0.75 25 mm?) solid or stranded0.5 2.5 mm² for auxil		10 mm
- downwards     10 mm       - at the side     0 mm       - forwards     10 mm       - upwards     10 mm       - upwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - downwards     10 mm       - forwards     10 mm       - forwards     10 mm       - forwards     10 mm       - downwards     50		
• for grounded parts       - forwards       10 mm         - upwards       10 mm         - upwards       6 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - upwards       10 mm         - upwards       10 mm         - downwards       0 mm         - downwards       screw-type terminals         if or main cortexts       Screw-type terminals         • of auxiliary and control circuit       screw-type terminals         • of auxiliary contacts       Screw-type terminals         • of auxiliar contacts       2x (1 25 mm <sup>2</sup> ), 2x (25 10 mm <sup>2</sup> ) <td></td> <td></td>		
- forwards     10 mm       - upwards     10 mm       - at the side     6 mm       - downwards     10 mm       • for live parts     -       - forwards     10 mm       - upwards     10 mm       - upwards     10 mm       - upwards     10 mm       - downwards     10 mm       - at the side     6 mm       for auxiliary contacts     screw-type terminals       • for main contracts     screw-type terminals       • of magnet coil     Screw-type terminals       • of magnet coil     Screw-type terminals       • of main contacts     screw-type terminals       • of auxiliary contacts     Screw-type terminals       • of auxiliary contacts     Screw-type terminals       • of auxiliary contacts     Screw-type terminals       • for AWG cables for main contacts     Scr (1 2.5 mm <sup>2</sup> ), 2x		
		10 mm
	— upwards	10 mm
• for live parts       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connactions/ Terminals       screw-type terminals         type of electrical connection       screw-type terminals         • for auxiliary and control circuit       screw-type terminals         • of magnet coll       Screw-type terminals         • of magnet coll       Screw-type terminals         • of main contacts       Scr (1 2.5 mm <sup>2</sup> ), 2x (2.5 10 mm <sup>2</sup> )         - solid or stranded       Screw-type terminals         • for AWG cables for main contacts       Scr (1 2.5 mm <sup>2</sup> ), 2x (2.5 10 mm <sup>2</sup> )         • for AWG cables for auxiliary contacts       Scr (1 2.5 mm <sup>2</sup> ), 2x (2.5 10 mm <sup>2</sup> )         • solid or stranded       1 10 mm <sup>2</sup> • finely stranded with core end processing       1 10 mm <sup>2</sup> • finely stra		6 mm
forwards     10 mm       upwards     10 mm       downwards     6 mm       Connections/Terminals     6 mm       Connections/Terminals     5 crew-type terminals       for auxiliary and control circuit     screw-type terminals       of magnet coll     Screw-type terminals       of magnet coll     Screw-type terminals       of for main contacts     Screw-type terminals       oslid     2x (1 2.5 mm <sup>3</sup> ), 2x (2.5 10 mm <sup>3</sup> )       solid or stranded     2x (1 2.5 mm <sup>3</sup> ), 2x (2.5 10 mm <sup>3</sup> )       solid or stranded     2x (1 2.5 mm <sup>3</sup> ), 2x (2.5 10 mm <sup>3</sup> )       solid or stranded     2x (1 2.5 mm <sup>3</sup> ), 2x (2.5 6 mm <sup>3</sup> ), 1x 10 mm <sup>2</sup> finely stranded with core end processing     2x (1 2.5 mm <sup>3</sup> ), 2x (2.5 6 mm <sup>3</sup> ), 1x 10 mm <sup>2</sup> solid     1 10 mm <sup>3</sup> finely stranded with core end processing     0.5 2.5 mm <sup>3</sup>	— downwards	10 mm
- downwards     10 mm       - at the side     6 mm       Connections/Terminals     6 mm       type of electrical connection     screw-type terminals       • 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       • of magnet coll     Screw-type terminals       • of onnoctable conductor cross-sections     •       • of or stranded     2x (1 2.5 mm²), 2x (2.5 10 mm²)       - solid or stranded     2x (1 2.5 mm²), 2x (2.5 10 mm²)       - solid or stranded     2x (1 2.5 mm²), 2x (2.5 10 mm²)       - finely stranded with core end processing     2x (1 2.5 mm²), 2x (2.5 10 mm²)       • for AWG cables for main contacts     2x (1 2.5 mm²), 2x (2.5 10 mm²)       • solid     1 10 mm²       • stranded     1 10 mm²       • stranded     1 10 mm²       • solid or stranded     0.5 2.5 mm²       • finely stranded with core end processing     0.5 2.5 mm²       • finely stranded with core end processing     0.5 2.5 mm²       • finely stranded with core end processing     0.5 2.5 mm²       • finely stranded with core end processing     0.5 2.5 mm²)       • finely stranded wi		10 mm
at the side     6 mm       Connections/ Terminals       type of electrical connection     • for main current circuit     screw-type terminals       • for auxiliary and control circuit     screw-type terminals       • of magnet coll     Screw-type terminals       • of main contacts     Screw-type terminals       • of main contacts     Screw-type terminals       • of main contacts     Screw-type terminals       • for main contacts     Screw-type terminals       • action of stranded     2x (1 2.5 mm²), 2x (2.5 10 mm²)       - solid or stranded     2x (1 2.5 mm²), 2x (2.5 10 mm²)       - solid or stranded     2x (1 2.5 mm²), 2x (2.5 10 mm²)       - finely stranded with core end processing     2x (1 2.5 mm²), 2x (2.5 10 mm²)       • for AWG cables for main contacts     2x (1 2.5 mm²), 2x (2.5 10 mm²)       • solid or stranded     1 10 mm²       • solid     1 10 mm²       • solid or stranded     1 10 mm²       • solid or stranded     0.5 2.5 mm²       • solid or stranded     0.5 2.5 mm²       • for auxiliary contacts     - solid or stranded       • for alxiliary contacts     - solid or stranded       • for alxiliary contacts     - solid or stranded       • for auxiliary contacts     - solid or stranded       • for auxiliary con	— upwards	10 mm
Connections/ Terminals         type of electrical connection         • for main current circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         • of main contracts       Screw-type terminals         • of main contacts       Screw-type terminals         • of main contacts       Screw-type terminals         • of main contacts       Screw-type terminals         • solid       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • for AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 10 mm²)         • solid       stranded       1 10 mm²         • stranded       1 10 mm²         • stranded       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • for auxiliary contacts       - solid or stranded         - solid or stranded       2	— downwards	10 mm
type of electrical connection         • for main current circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       • for main contacts         - solid       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • for AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • solid       1 10 mm²         • solid       1 10 mm²         • solid or stranded       1 10 mm²         • stranded       1 10 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • for auxiliary contacts       - solid or stranded         • for ally stranded with core end processing       0.5 2.5 mm²         • for auxiliary contacts       - solid or stranded         • for auxiliary contacts       - solid or stranded         • for auxiliary contacts       - solid or stranded	— at the side	6 mm
<ul> <li>for main current circuit</li> <li>screw-type terminals</li> <li>at contactor for auxiliary contacts</li> <li>of magnet coll</li> <li>Screw-type terminals</li> <li>for main contacts</li> <li>- solid</li> <li>2x (1 2.5 mm<sup>2</sup>), 2x (2.5 10 mm<sup>2</sup>)</li> <li>- solid or stranded</li> <li>2x (1 2.5 mm<sup>2</sup>), 2x (2.5 10 mm<sup>2</sup>)</li> <li>- solid or stranded</li> <li>2x (1 2.5 mm<sup>2</sup>), 2x (2.5 10 mm<sup>2</sup>)</li> <li>- finely stranded with core end processing</li> <li>2x (1 2.5 mm<sup>2</sup>), 2x (2.5 10 mm<sup>2</sup>)</li> <li>- finely stranded with core end processing</li> <li>2x (1 2.5 mm<sup>2</sup>), 2x (2.5 6 mm<sup>2</sup>), 1x 10 mm<sup>2</sup></li> <li>oconnectable conductor cross-section for main contacts</li> <li>solid</li> <li>1 10 mm<sup>2</sup></li> <li>stranded</li> <li>1 10 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>1 10 mm<sup>2</sup></li> <li>osolid or stranded</li> <li>0.5 2.5 mm<sup>2</sup></li> <li>osolid or stranded</li> <li>0.5 2.5 mm<sup>2</sup></li> <li>osolid or stranded</li> <li>0.5 2.5 mm<sup>2</sup></li> <li>finely stranded with core end processing</li> <li>of auxiliary contacts</li> <li>a solid or stranded</li> <li>0.5 2.5 mm<sup>2</sup></li> <li>osolid or stranded</li> <li>0.5 2.5 mm<sup>2</sup></li> <li>for auxiliary contacts</li> <li>a solid or stranded</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>)</li> <li>a solid or stranded</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>)</li> <li>a solid or stranded</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>)</li> <li>a solid or stranded</li> <li>a solid or stranded</li> <li>a solid or stranded</li> <li>a solid or stranded</li> <li>b for AWG cables for auxiliary cont</li></ul>	Connections/ Terminals	
• for auxiliary and control circuit       screw-type terminals         • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       -         • for main contacts       -         - solid       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • for AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • for AWG cables for main contacts       2x (1 12), 2x (14 8)         connectable conductor cross-section for main contacts       1 10 mm²         • solid or stranded       1 10 mm²         • finely stranded with core end processing       1 10 mm²         • solid or stranded       0.5 2.5 mm²         • for auxiliary contacts       50 mm²         • for auxiliary contacts       50 mm²         • for auxiliary contacts       50 mm², 2x (0.75 2.5 mm²)         • for auxiliary contacts       50 mm², 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts <td>type of electrical connection</td> <td></td>	type of electrical connection	
• at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         type of connectable conductor cross-sections       -         • for main contacts       -         - solid       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - solid or stranded       2x (1 2.5 mm²), 2x (2.5 10 mm²)         - finely stranded with core end processing       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • for AWG cables for main contacts       2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²         • solid       1 10 mm²         • solid       1 10 mm²         • solid       1 10 mm²         • solid or stranded       1 10 mm²         • solid or stranded       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • type of connectable conductor cross-sections       -         • finely stranded with core end processing       0.5 2.5 mm²         • for auxiliary contacts       -         • for auxiliary contacts       -         • for auxiliary contacts       -	for main current circuit	screw-type terminals
• of magnet coilScrew-type terminalstype of connectable conductor cross-sections-• for main contacts solid2x (1 2.5 mm²), 2x (2.5 10 mm²)- solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• for AWG cables for main contacts2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• for AWG cables for main contacts2x (1 2.5 mm²), 2x (14 8)connectable conductor cross-section for main contacts1 10 mm²• solid1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• for auxiliary contacts solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for auxiliary contacts solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross2x (20 16), 2x (18 14)	<ul> <li>for auxiliary and control circuit</li> </ul>	screw-type terminals
type of connectable conductor cross-sections• for main contacts- solid2 solid or stranded- finely stranded with core end processing2 x (1 2.5 mm²), 2x (2.5 10 mm²)- finely stranded with core end processing2 x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• for AWG cables for main contacts• solid1 10 mm²• solid• stranded1 10 mm²• finely stranded with core end processing1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• for auxiliary contacts- solid or stranded0.5 2.5 mm²• for auxiliary contacts- solid or stranded- solid or stranded- solid or stranded2 x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- finely stranded with core end processing2 x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- finely stranded with core end processing2 x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- finely stranded with core end processing2 x (20 16), 2x (18 14)AWG number as coded connectable conductor cross	<ul> <li>at contactor for auxiliary contacts</li> </ul>	Screw-type terminals
<ul> <li>for main contacts</li> <li>solid</li> <li>2x (1 2.5 mm<sup>2</sup>), 2x (2.5 10 mm<sup>2</sup>)</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>for AWG cables for main contacts</li> <li>solid</li> <li>for AWG cables for main contacts</li> <li>solid</li> <li>tor number as coded connectable conductor cross</li> </ul>	of magnet coil	Screw-type terminals
solid2x (1 2.5 mm²), 2x (2.5 10 mm²) solid or stranded2x (1 2.5 mm²), 2x (2.5 10 mm²) finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• for AWG cables for main contacts2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• solid2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• solid1 10 mm²• solid1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross2x (20 16), 2x (18 14)	type of connectable conductor cross-sections	
	for main contacts	
finely stranded with core end processing2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²• for AWG cables for main contacts2x (16 12), 2x (14 8)• connectable conductor cross-section for main contacts1 10 mm²• solid1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²• solid or stranded0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross2x (20 16), 2x (18 14)	— solid	2x (1 2.5 mm²), 2x (2.5 10 mm²)
• for AWG cables for main contacts2x (16 12), 2x (14 8)connectable conductor cross-section for main contacts• solid1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²connectable conductor cross-section for auxiliary contacts• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• for auxiliary contacts• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross2x (20 16), 2x (18 14)	— solid or stranded	2x (1 2.5 mm²), 2x (2.5 10 mm²)
connectable conductor cross-section for main contacts• solid1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²connectable conductor cross-section for auxiliary contacts0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross2x (0.5 16), 2x (18 14)	- finely stranded with core end processing	2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²
• solid1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 10 mm²connectable conductor cross-section for auxiliary contacts 10 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²type of connectable conductor cross-sections 10 mm²• for auxiliary contacts 2.5 mm²- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross 10 m²	<ul> <li>for AWG cables for main contacts</li> </ul>	2x (16 12), 2x (14 8)
• stranded1 10 mm²• finely stranded with core end processing1 10 mm²connectable conductor cross-section for auxiliary contacts• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²type of connectable conductor cross-sections• for auxiliary contacts- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- finely stranded with core end processing2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 1.5 mm²), 2x (0.75 2.5 mm²)• AWG number as coded connectable conductor cross	connectable conductor cross-section for main contacts	
• finely stranded with core end processing1 10 mm²connectable conductor cross-section for auxiliary contacts0.5 2.5 mm²• solid or stranded0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²type of connectable conductor cross-sections0.5 2.5 mm²• for auxiliary contacts2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)- solid or stranded2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 16), 2x (18 14)AWG number as coded connectable conductor cross1	• solid	1 10 mm²
connectable conductor cross-section for auxiliary contacts         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         type of connectable conductor cross-sections       0.5 2.5 mm²         • for auxiliary contacts       - solid or stranded         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts       2x (20 16), 2x (18 14)         AWG number as coded connectable conductor cross       2x (20 16), 2x (18 14)	• stranded	1 10 mm²
<ul> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>0.5 2.5 mm<sup>2</sup></li> <li>0.5 2.5 mm<sup>2</sup></li> <li>type of connectable conductor cross-sections         <ul> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>2x (0.5 1.5 mm<sup>2</sup>), 2x (0.75 2.5 mm<sup>2</sup>)</li> <li>for AWG cables for auxiliary contacts</li> <li>2x (20 1.5 mm<sup>2</sup>), 2x (0.75 2.5 mm<sup>2</sup>)</li> </ul> </li> <li>AWG number as coded connectable conductor cross</li> </ul>	<ul> <li>finely stranded with core end processing</li> </ul>	1 10 mm <sup>2</sup>
• finely stranded with core end processing       0.5 2.5 mm²         type of connectable conductor cross-sections       • for auxiliary contacts         • for auxiliary contacts       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)         • for AWG cables for auxiliary contacts       2x (20 16), 2x (18 14)         AWG number as coded connectable conductor cross       4	connectable conductor cross-section for auxiliary contacts	
type of connectable conductor cross-sections         • for auxiliary contacts         — solid or stranded         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         — finely stranded with core end processing         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts         2x (20 16), 2x (18 14)	<ul> <li>solid or stranded</li> </ul>	
<ul> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>for AWG cables for auxiliary contacts</li> <li>AWG number as coded connectable conductor cross</li> </ul>		0.5 2.5 mm²
— finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • for AWG cables for auxiliary contacts       2x (20 16), 2x (18 14)         AWG number as coded connectable conductor cross       2x (20 16), 2x (18 14)	<ul> <li>for auxiliary contacts</li> </ul>	
• for AWG cables for auxiliary contacts 2x (20 16), 2x (18 14)           AWG number as coded connectable conductor cross	— solid or stranded	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)
AWG number as coded connectable conductor cross		
	·	2x (20 16), 2x (18 14)

<ul> <li>for main contacts</li> </ul>			16 8		
<ul> <li>for auxiliary contacts</li> </ul>			20 14		
Safety related data			20 14		
product function					
•	cording to IEC 60947-4-1		Yes		
	operation according to IE		No		
<ul> <li>suitable for safet</li> </ul>			Yes		
suitability for use safety	•		Yes		
service life maximum	loidtod officially of t		20 a		
test wear-related serv	ice life necessarv		Yes		
proportion of dangero					
	rate according to SN 319	920	40 %		
	d rate according to SN 31		73 %		
B10 value with high d	emand rate according to	o SN 31920	1 000 000		
failure rate [FIT] with I	low demand rate accord	ling to SN	100 FIT		
31920					
ISO 13849			•		
device type according			3		
	cording to ISO 13849-2 r	necessary	Yes		
IEC 61508			Turne A		
	cording to IEC 61508-2		Туре А		
Electrical Safety	the front seconding to		IP20		
-	the front according to the front according to IE		finger-safe, for vertical contac	t from the front	
Approvals Certificates	te mont according to in	0 00323			
General Product App	roval				
	UK CA	EG-Konf.			EHC
EMV	<b>ČÄ</b> Test Certificates	EG-Konf.	Marine / Shipping		CUL
EMV RCM	<b></b>	EG-Konf. Special Test Ce ate		BUREAU VERITAS	
Ø	Test Certificates	Special Test Ce	ertific-	BUREAU VERITAS	Ĵ.Å. DNV
RCM	Test Certificates	Special Test Ce	ertific- ABS	Confirmation	
RCM	Test Certificates	Special Test Ce	ertific- ABS	<b>Confirmation</b>	Railway Special Test Certific-
Marine / Shipping	Test Certificates <u>Type Test Certificates</u> <u>ates/Test Report</u>	Special Test Ce	ertific: ABS Other Miscellaneous Con-	Confirmation	Railway Special Test Certific-
ECM Marine / Shipping Covers US Dangerous goods Transport Information	Test Certificates <u>Type Test Certificates</u> <u>ates/Test Report</u>	Special Test Ce ate	ertific: ABS Other Miscellaneous Con-	Confirmation	Railway Special Test Certific-
Marine / Shipping         Marine / Shipping         Discrete         Uts         Dangerous goods         Transport Information         Further information on the para https://support.industry.         Information on the para.         https://www.siemens.cc         Industry Mall (Online of https://mall.industry.sief         Cax online generator	Test Certificates Type Test Certific- ates/Test Report	Special Test Ce ate	artific:           other         Miscellaneous		Railway Special Test Certific-

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