## SIEMENS

## Data sheet

## 3RH2122-2AB00



Contactor relay, 2 NO + 2 NC, 24 V AC, 50 / 60 Hz, Size S00, Spring-type terminal

product brand name	SIRIUS					
product designation	Auxiliary contactor					
product type designation	3RH2					
General technical data						
size of contactor	S00					
product extension auxiliary switch	Yes					
insulation voltage with degree of pollution 3 at AC rated value	690 V					
degree of pollution	3					
surge voltage resistance rated value	6 kV					
shock resistance at rectangular impulse						
● at AC	7,3g / 5 ms, 4,7g / 10 ms					
shock resistance with sine pulse						
• at AC	11,4g / 5 ms, 7,3g / 10 ms					
mechanical service life (switching cycles)						
<ul> <li>of contactor typical</li> </ul>	30 000 000					
<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 acc. to IEC 81346-2	К					
Substance Prohibitance (Date)	01.10.2009 00:00:00					
Ambient conditions						
installation altitude at height above sea level maximum	2 000 m					
ambient temperature						
<ul> <li>during operation</li> </ul>	-25 +60 °C					
<ul> <li>during storage</li> </ul>	-55 +80 °C					
Main circuit						
no-load switching frequency						
• at AC	10 000 1/h					
• at DC	10 000 1/h					
Control circuit/ Control	Control circuit/ Control					
type of voltage of the control supply voltage	AC					
control supply voltage at AC						
• at 50 Hz rated value	24 V					
• at 60 Hz rated value	24 V					
control supply voltage frequency						
• 1 rated value	50 Hz					

	2011
2 rated value	60 Hz
operating range factor control supply voltage rated value of magnet coil at AC	
• at 50 Hz	0.8 1.1
• at 60 Hz	0.85 1.1
apparent pick-up power of magnet coil at AC	37 V·A
inductive power factor with closing power of the coil	0.8
apparent holding power of magnet coil at AC	5.7 V·A
inductive power factor with the holding power of the	0.25
coil	
closing delay	
• at AC	8 33 ms
opening delay	
• at AC	4 15 ms
arcing time	10 15 ms
Auxiliary circuit	
number of NC contacts for auxiliary contacts	2
instantaneous contact	2
number of NO contacts for auxiliary contacts	2
<ul> <li>instantaneous contact</li> </ul>	2
identification number and letter for switching	22 E
elements operational current at AC-12 maximum	10 A
· ·	IU 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	1A
operational current at 1 current path at DC-12	
• at 24 V rated value	10 A
• at 110 V rated value	3 A
at 220 V rated value	1 A
at 440 V rated value	0.3 A
<ul> <li>at 600 V rated value</li> </ul>	0.15 A
operational current with 2 current paths in series at	
DC-12	
at 24 V rated value	10 A
<ul> <li>at 60 V rated value</li> </ul>	10 A
<ul> <li>at 110 V rated value</li> </ul>	4 A
<ul> <li>at 220 V rated value</li> </ul>	2 A
at 440 V rated value	1.3 A
• at 600 V rated value	0.65 A
operational current with 3 current paths in series at DC-12	
at 24 V rated value	10 A
• at 60 V rated value	10 A
at 110 V rated value	10 A
• at 220 V rated value	3.6 A
• at 440 V rated value	2.5 A
• at 600 V rated value	1.8 A
operating frequency at DC-12 maximum	1 000 1/h
operational current at 1 current path at DC-13	
• at 24 V rated value	10 A
• at 110 V rated value	1 A
• at 220 V rated value	0.3 A
• at 440 V rated value	0.14 A
● at 600 V rated value	0.1 A
operational current with 2 current paths in series at	
DC-13	10.4
<ul> <li>at 24 V rated value</li> </ul>	10 A

• et 440 V rated value     0.2 Å       operating current with 3 current paths in series at DC-03     0.1 Å       • et 24 V rated value     10 Å       • et 24 V rated value     10 Å       • et 24 V rated value     10 Å       • et 20 V rated value     10 Å       • et 20 V rated value     2.8 Å       • et 20 V rated value     0.2 Å       • et 400 V rated value     0.5 Å       • et 400 V rated value     0.2 Å       • contact rating outpation     1 faulty switchings per 100 million (17 V, 1 mÅ)       • contact rating of auxiliary contacts according to UL     A600 / Q800       Statuteion/mounting dimensions     */180* rotation possible on vertical mounting surface: can be tilted forward and backward by 16 22.5 ° on vertical mounting surface:       featening method     screw and sacpon mounting onto 35 mm standard mounting surface: <th><ul> <li>at 220 V rated value</li> </ul></th> <th>0.9 A</th>	<ul> <li>at 220 V rated value</li> </ul>	0.9 A
• et 600 V reter value     0.1 A       operating     • et 20 V rated value     0.4 A       • et 20 V rated value     10 A       • et 20 V rated value     3.A       • et 20 V rated value     3.A       • et 20 V rated value     1.2 A       • et 40 V rated value     1.2 A       • et 20 V rated value     0.5 A       • et 20 V rated value     0.2 A       obscingt     0.5 A       • et 20 V rated value     0.2 A       operating frequency at DC-13 maximum     0.00 th       obscingt     0.2 A       operating frequency at DC-13 maximum     0.00 th       obscingt     0.2 A       operating frequency at DC-13 maximum     0.00 th       obscingt     0.1 A       operating frequency at DC-13 maximum     0.00 th       Outcot critebility of auxiliary contacts     1 feuly switching per 100 million (17 V, 1 mA)       ILUC5A ratings     Industry switching per 100 million (17 V, 1 mA)       ILUC5A ratings     Industry switching per 100 million (17 V, 1 mA)       ILUC5A rating perating frequency at Case as eace on a sang-on mounting surface; can be tilted forward and backward by + 2.2 S <sup>-</sup> on vertical mounting surface; fastening method       featening method     4-180 <sup>-</sup> rotaton possible on vertical mounting surface; can be tilted forward and backward by + 2.2 S <sup>-</sup> on vertical mounting surface; fastening method       h		
operational current with 3 current paths in series at DC-13         10.A           at 24 V trited value         10.A           at 36 V trited value         4.7 A           at 20 V trade value         3.A           at 20 V trade value         3.A           at 40 V trade value         0.2 A           at 40 V trade value         0.2 A           at 400 V trade value         0.2 A           cat 400 V trade value         0.2 A           cat 400 V trade value         0.2 A           operating frequency at DC-13 maximum         1000 th           design of the facultar protection of the acuilary contacts according to UL         A600 / Q600           Stort-facult protection         fuse gulg(5: 10 A           auxiliary contacts according to UL         A600 / Q600           Stort-facult protection         fuse gulg(5: 10 A           mounting origination of the acuilary contacts according to UL         A600 / Q600           Stort-facult protection of the acuilary contacts according to UL         A600 / Q600           Stort-facult protection of the acuilary south active and backward by +2.25 on writical mounting surface: can be tilted           field the protection of the acuilary contacts         fuse gulg(5: 10 A           mounting protection of the protection of the acuilary contacts         10 mm           required spac		
b-13     0 A       • at 24 Vrated value     10 A       • at 60 Vrated value     4.7 A       • at 110 Vrated value     3.A       • at 22 Vrated value     1.2 A       • at 440 Vrated value     0.5 A       • ot 110 Vrated value     0.5 A       • ot 22 Vrated value     0.2 S A       • ot 20 Vrated value     0.2 S A       • oth 20 Vrated value </td <td></td> <td>0.1 A</td>		0.1 A
if at 60 V rated value         if at 110 V rated value         if at 110 V rated value         if at 20 V rated value         if at 440 V rated value         if at 450 V rated value         if	DC-13	
• at 110 V rated value     3 A       • at 220 V rated value     1.2 A       • at 420 V rated value     0.5 A       • at 400 V rated value     0.28 A       Operating frequency at 02-18 maximum     1000 /h       design of the ministure circuit breaker for short-circuit protection of the auxiliary contacts     1 faulty switching per 100 million (17 V, 1 mA)       ULICSA ratings     C characteriation (17 k with required)     A600 / 0600       Short-circuit protection     faulty switching per 100 million (17 V, 1 mA)       ULICSA rating     A600 / 0600       Short-circuit protection     faulty switching per 100 million (17 V, 1 mA)       ULICSA rating     faulty switching per 100 million (17 V, 1 mA)       ULICSA rating     faulty switching per 100 million (17 V, 1 mA)       ULICSA rating     faulty switching per 100 million (17 V, 1 mA)       ULICSA rating     faulty switching per 100 million (17 V, 1 mA)       ULICSA rating     faulty switching per 100 million (17 V, 1 mA)       ULICSA rating     faulty switching per 100 million (17 V, 1 mA)       ULICSA rating     faulty switching per 100 million (17 V, 1 mA)       ULICSA rating     faulty switching per 100 million (17 V, 1 mA)       Installation/ mounting orbiton     f-180 million (17 V, 1 mA)       Installation/ mounting orbiton     f-180 million (17 V, 1 mA)       Instalion standard     faulty switching per 100 millio	<ul> <li>at 24 V rated value</li> </ul>	10 A
• at 220 V rated value         1.2 A           • at 400 V rated value         0.5 A           • at 600 V rated value         0.2 A           ceperating frequency at DC-13 maximum         1000 1/h           design of the initiatre riccut breaker for short-circut protection of the auxiliary contacts         1 faulty switching per 100 million (17 V, 1 mA)           ULCSA ratings         A600 / Q600           design of the fuse link for short-circuit protection of the auxiliary contacts according to UL         A600 / Q600           design of the fuse link for short-circuit protection of the auxiliary contacts according to UL         A600 / Q600           design of the fuse link for short-circuit protection of the auxiliary contacts according to UL         A600 / Q600           fastallation/ mounting dimensions         fustallation possible on vertical mounting surface; can be tilted forward and backwards by b+22.28 ° on vertical mounting surface           fastallation/ mounting dimensions         1/-180° rolation possible on vertical mounting surface; can be tilted forward and backwards by b+22.28 ° on vertical mounting rail           vith side-by-side mounting         - forwards           - with side-by-side mounting         - forwards           - forwards         10 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - downwards	<ul> <li>at 60 V rated value</li> </ul>	4.7 A
	<ul> <li>at 110 V rated value</li> </ul>	3 A
• at 600 V rated value     0.26 Å       operating frequency at DC-13 maximum     1.000 1/h       design of the initiature circuit breaker for short-circuit protection of the auxiliary scincti up to 230 V     Cohracteristic: 6 Å; 0.4 kÅ       contact rating of auxiliary contacts according to UL     A600 / Q600       Short-circuit protection     fastify switching per 100 million (17 V, 1 mÅ)       UL/CSA trilings     Isse gL/gC: 10 Å       auxiliary switch required     faste gL/gC: 10 Å       munting position     th-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +-228° on vertical mounting surface; can be tilted forward and backward by +-228° on vertical mounting surface; can be tilted forward and backward by +-228° on vertical mounting surface; can be tilted forward and backward by +-228° on vertical mounting surface; can be tilted forward and backward by +-228° on vertical mounting surface; can be tilted forward and backward by +-228° on vertical mounting surface; can be tilted forward and backward by +-228° on vertical mounting surface; can be tilted forward and backward by +-228° on vertical mounting rail       fastening method     screw and snap-on mounting onto 35 mm standard mounting rail       forwards     10 mm       - upwards     10 mm       - upwards     10 mm       - upwards     10 mm       - of onwards	<ul> <li>at 220 V rated value</li> </ul>	1.2 A
operating frequency at DC-13 maximum         1 000 1/h           design of the miniature circuit breaker for short-circuit protection of the auxiliary contacts         C characteristic: 6 A: 0.4 kA           contact reliability of auxiliary contacts         1 faulty switching per 100 million (17 V, 1 mA)           ULCSA ratings         6           design of the fuse link for short-circuit protection of the auxiliary switch required         fuse gL/gG: 10 A           auxiliary contacts         fuse gL/gG: 10 A           mounting position         +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by 4/-22.5° on vertical mounting surface; can be tilted forward and backward by 4/-22.5° on vertical mounting surface; can be tilted forward and backward by 4/-22.5° on vertical mounting rail           height         70 mm           width         46 mm           dopth         73 mm           required spacing         0 mm           - upwards         10 mm           - at the side         0 mm           - orwards         10 mm           - upwards         10 mm           - downwards	<ul> <li>at 440 V rated value</li> </ul>	0.5 A
design of the ministure accuit breaker for short-circuit protection of the auxiliary contacts according to UL       C characteristic: 6 A; 0.4 kA         contact reliability of auxiliary contacts according to UL       1 faulty switching per 100 million (17 V, 1 mA)         UL/CSA ratings       contact reliability of auxiliary contacts according to UL         Short-circuit protection       due set of the set of th	• at 600 V rated value	0.26 A
protection of the auxiliary contacts         1 faulty switching per 100 million (17 V, 1 mA)           UL/CSA ratings         A600 / Q600           Short-circuit protection         4600 / Q600           Short-circuit protection         fuse gL/gG: 10 A           mouting position         +/180 <sup>o</sup> rotation possible on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting surface; can be illed forward and by +/-180 <sup>o</sup> rotation possible on vertical mounting surface; can be illed forward and by +/-180 <sup>o</sup> rotation possible on vertical mounting surface; can be illed forward and by +/-180 <sup>o</sup> rotation possible on vertical mounting surface; can be illed forward and by +/-180 <sup>o</sup> rotation possible on vertical mounting surface; can be illed forward and backward by +/-22.6 <sup>o</sup> on vertical mounting rating with vertical mounting and control circuit postection for acceleration for accele	operating frequency at DC-13 maximum	1 000 1/h
ULCSA ratings         contact rating of auxiliary contacts according to UL       A600 / Q600         Short-circuit protection       fuse gL/gG: 10 A         mounting position       +/-180° rotation possible on vertical mounting surface; can be tilted froward and backward by +/-22.5° on vertical mounting surface; fastening method       screw and snap-on mounting onto 35 mm standard mounting rail         height       70 mm       mounting optical mounting onto 35 mm standard mounting rail         nequired spacing       • with side-by-side mounting       10 mm         - forwards       10 mm       0 mm         - downwards       10 mm       0 mm         - downwards       10 mm       0 mm         - ownwards		C characteristic: 6 A; 0.4 kA
contact rating of auxiliary contacts according to UL         A600 / Q600           Short-circuit protection         fuse gL/gG: 10 A           design of the fuse link for short-circuit protection of the auxiliary switch required         fuse gL/gG: 10 A           installation/ mounting dimensions         +/.180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/. 22.5° on vertical mounting surface           fastening method         screw and snap-on mounting onto 35 mm standard mounting rail           height         70 mm           width         45 mm           depth         73 mm           equired spacing         0 mm           - upwards         10 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - upwards         10 mm           - downwards         10 mm	contact reliability of auxiliary contacts	1 faulty switching per 100 million (17 V, 1 mA)
contact rating of auxiliary contacts according to UL         A600 / Q600           Short-circuit protection         fuse gL/gG: 10 A           design of the fuse link for short-circuit protection of the auxiliary switch required         fuse gL/gG: 10 A           installation/ mounting dimensions         +/.180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/. 22.5° on vertical mounting surface           fastening method         screw and snap-on mounting onto 35 mm standard mounting rail           height         70 mm           width         45 mm           depth         73 mm           equired spacing         0 mm           - upwards         10 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - upwards         10 mm           - downwards         10 mm	UL/CSA ratings	
Short-circuit protection       fuse gL/gG; 10 A         design of the fuse link for short-circuit protection of the auxiliary switch required       fuse gL/gG; 10 A         Installation/mounting/dimensions       +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting rail         height       70 mm         width       45 mm         depth       73 mm         required spacing       • (if side-by-side mounting)         • of required spacing       10 mm         • of or grounded parts       10 mm         - at the side       0 mm         - at the side       0 mm         - forwards       10 mm         - at the side       0 mm         - downwards       10 mm         - at the side       0 mm         - downwards       10 mm         - downwards       10 mm         - at the side       0 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - forwards       10 mm		A600 / Q600
design of the fuse link for short-circuit protection of the auxiliary switch required     fuse gL/gC; 10 A       Installation/mounting/dimensions     +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface screw and snap-on mounting onto 35 mm standard mounting rail       height     70 mm       width     45 mm       depth     73 mm       required spacing     0 mm       - upwards     10 mm       - downwards     10 mm       - at the side     0 mm       - at the side     0 mm       - upwards     10 mm       - upwards     10 mm       - downwards     10 mm       - at the side     6 mm       - downwards     10 mm       - upwards     10 mm       - downwards     10 mm       - upwards     10 mm       - downwards     10 mm       - downwards     10 mm       - oright parts     10 mm       - forwards     10 mm       - upwards     10 mm       - solid or stranded     2x (0.5 4 mm <sup>3</sup> )       - solid or stranded     2x (0.5 2 mm <sup>3</sup> )       - intely stranded with core end processing     2x (0.5 2 mm <sup>3</sup> )       - intely stranded with core end processing     1 000 000; With 0.3 x le       proportion of danger		
Installation/ mounting/ dimensions         +/180° rotation possible on vertical mounting surface; can be tilled forward and backward by +/2.2.5° on vertical mounting rail           festening method         screw and snap-on mounting onto 35 mm standard mounting rail           height         70 mm           width         45 mm           depth         73 mm           required spacing         •           • with side-by-side mounting         10 mm           - forwards         10 mm           - upwards         10 mm           - downwards         10 mm           - at the side         0 mm           • for grounded parts         10 mm           - downwards         10 mm           - forwards         10 mm           - downwards         10 mm           - at the side         6 mm           Connections / forminals         5 mm           type of electrical conne	design of the fuse link for short-circuit protection of the	fuse gL/gG: 10 A
mounting position         +/.180° rotation possible on vertical mounting surface; can be tilled forward and backward by 1/.2.25° on vertical mounting surface; screw and snap-on mounting onto 35 mm standard mounting rail           height         70 mm           width         45 mm           depth         73 mm           required spacing         • with side-by-side mounting           - forwards         10 mm           - upwards         10 mm           - downwards         0 mm           - downwards         10 mm           - at the side         6 mm           - at the side         70 mm           - downwards         10 mm           - forwards         10 mm     <		
fastening method     forward and backward by +/- 22.5° on vertical mounting surface       fastening method     screw and snap-on mounting onto 35 mm standard mounting rail       height     70 mm       width     45 mm       depth     73 mm       required spacing     out the side       ownerds     10 mm       - forwards     10 mm       - downwards     0 mm       - at the side     0 mm       - onwards     10 mm       - upwards     10 mm       - at the side     0 mm       - onwards     10 mm       - upwards     10 mm       - at the side     6 mm       - odownwards     10 mm       - upwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       Connections/ Terminals     ype of electrical connection for auxiliary and control circuit       ype of connectable conductor cross-sections     spring-loaded terminals       • for auxiliary contacts     2x (0.5 4 mm²)       - finely stranded with core end processing     2x (0.5 2.5 mm²)       - at Weight cables for auxiliary contacts     2x (0.5 2.5 mm²)       • at Wide cables for auxiliary contacts     2x (0.5 2.5 mm²)       • with high demand rate acc. to SN 31920     <		+/ 190° rotation passible on vortical mounting surface; can be tilted
height       70 mm         width       45 mm         depth       73 mm         required spacing       73 mm         • with side-by-side mounting       73 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       0 mm         - forwards       10 mm         - forwards       10 mm         - upwards       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - forwards       10 mm         - solid or stranded       2x (0.5 4 mm*)         - at the side       6 mm         Connections/ Torminals       spring-loaded terminals         type of electrical connector for auxiliary and control circuit       spring-loaded terminals         type of stranded with core end processing       2x (0.5 2.5 mm*)		forward and backward by +/- 22.5° on vertical mounting surface
width       45 mm         depth       73 mm         required spacing       73 mm         • with side-by-side mounting       73 mm         - forwards       10 mm         - upwards       10 mm         - at the side       0 mm         - at the side       6 mm         Connections/ Terninals       spring-loaded terminals         type of electrical connection for auxiliary and control circuit       spring-loaded terminals         type of onectable conductor cross-sections       spring-loaded terminals         • for auxiliary contacts       2x (0,5 4 mm²)         - solid or stranded       2x (0,5 2.5 mm²)         - at the side for auxiliary contacts       2x		
depth       73 mm         required spacing       • with side-by-side mounting         - forwards       10 mm         - upwards       10 mm         - downwards       0 mm         - at the side       0 mm         - for grounded parts       0 mm         - forwards       10 mm         - at the side       0 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - downwards       10 mm         - at the side       6 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       spring-loaded terminals         type of conectable conductor cross-sections       spring-loaded terminals         • for auxiliary contacts       2x (0.5 2.6 mm³)         - finely stranded with core end processing       2x (0.5 2.5 mm³)         - finely stranded without core end processing       2x (0.5 2.5 mm³)         • at AWG cables for auxiliary contacts		
required spacing         • with side-by-side mounting         - forwards         0 mm         - downwards         10 mm         - downwards         10 mm         - downwards         0 mm         - downwards         10 mm         - downwards         0 mm         - downwards         - forwards         10 mm         - upwards         10 mm         - downwards         10 mm         - downwards         10 mm         - downwards         10 mm         - downwards         10 mm         - forwards         10 mm         - forwards         10 mm         - downwards         10 mm         - forwards         10 mm         - downwards         10 mm         - forwards         10 mm <td></td> <td></td>		
• with side-by-side mounting     10 mm       - forwards     10 mm       - upwards     10 mm       - downwards     10 mm       - at the side     0 mm       • for grounded parts     0 mm       - at the side     0 mm       - upwards     10 mm       - upwards     10 mm       - upwards     10 mm       - at the side     6 mm       - downwards     10 mm       - at the side     6 mm       Connections/ Terminals     5 pring-loaded terminals       type of electrical connection for auxiliary and control circuit     5 pring-loaded terminals       type of electrical connection for auxiliary and control circuit     5 pring-loaded terminals       type of electrical connection for auxiliary and control circuit     5 pring-loaded terminals       type of electrical connection for auxiliary contacts     2 x (0,5 4 mm²)       - finely stranded with core end processing     2 x (2,5 2,5 mm²)       - at WG cables for auxiliary contacts     2 x (20 12)       Safety related data     1	•	73 mm
- forwards       10 mm         - upwards       10 mm         - downwards       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         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - forwards       10 mm         - downwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       10 mm         type of electrical connection for auxiliary and control circuit       spring-loaded terminals         type of connectable conductor cross-sections       e for auxiliary contacts         - solid or stranded       2x (0,5 4 mm²)         - finely stranded with out core end processing       2x (0,5 2,5 mm²)         - at WG cables for auxiliary contacts       2x (20 12)		
upwards10 mm downwards10 mm at the side0 mm• for grounded parts0 mm at the side0 mm upwards10 mm upwards10 mm at the side6 mm at the side6 mm downwards10 mm upwards10 mm upwards10 mm upwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards10 mm at the side6 mmConnections/ Terminalstype of connectable conductor cross-sections• for auxiliary contacts solid or stranded2x (0, 5 4 mm²) finely stranded with core end processing2x (0, 5 2.5 mm²) finely stranded with core end processing2x (0. 5 2.5 mm²)• at AWG cables for auxiliary contacts2x (20 12)Safety related data1 000 000; With 0.3 x leProportion of dangerous failures1 000 000; With 0.3 x lewith high demand rate acc. to SN 3192073 %	• with side-by-side mounting	
- downards10 mm- at the side0 mm- for grounded parts0 mm- for wards10 mm- upwards10 mm- at the side6 mm- downwards10 mm- downwards10 mm- downwards10 mm- for live parts10 mm- for wards10 mm- downwards10 mm- at the side6 mmConnections/ Terminalstype of electrical connection for auxiliary and control circuittype of connectable conductor cross-sections• for auxiliary contacts- solid or stranded2x (0,5 4 mm²)- finely stranded with core end processing2x (0,5 2.5 mm²)- finely stranded with core end processing2x (0,5 2.5 mm²)• at AWG cables for auxiliary contacts2x (20 12)Safety related data1000 000; With 0.3 x leB10 value with high demand rate acc. to SN 3192040 %• with high demand rate acc. to SN 3192073 %	,	10
- at the side       0 mm         • for grounded parts       0 mm         - forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - at the side       6 mm         - downwards       10 mm         - for live parts       10 mm         - forwards       10 mm         - upwards       10 mm         - downwards       10 mm         - solid or stranded       5 pring-loaded terminals         type of electrical connection for auxiliary and control circuit       spring-loaded terminals         type of connectable conductor cross-sections       of or auxiliary contacts         - solid or stranded       2x (0,5 4 mm²)         - finely stranded with core end processing       2x (0.5 2.5 mm²)	— forwards	
• for grounded parts	— forwards — upwards	10 mm
- forwards       10 mm         - upwards       10 mm         - at the side       6 mm         - downwards       10 mm         • for live parts       -         - forwards       10 mm         • for live parts       -         - forwards       10 mm         - downwards       10 mm         - upwards       10 mm         - downwards       10 mm         - at the side       6 mm         Connections/ Terminals       spring-loaded terminals         type of electrical connection for auxiliary and control circuit       spring-loaded terminals         type of connectable conductor cross-sections       • for auxiliary contacts         - solid or stranded       2x (0,5 4 mm²)         - finely stranded with core end processing       2x (0,5 2,5 mm²)         - finely stranded without core end processing       2x (0.5 2,5 mm²)         - at AWG cables for auxiliary contacts       2x (20 12)         Safety related data       E10 value with high demand rate acc. to SN 31920         with low demand rate acc. to SN 31920       40 %         • with high demand rate acc. to SN 31920       73 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> </ul>	10 mm 10 mm
upwards10 mm at the side6 mm downwards10 mm forwards10 mm forwards10 mm upwards10 mm upwards10 mm downwards6 mm at the side6 mmConnections/ Terminalsspring-loaded terminalstype of electrical connection for auxiliary and control circuitspring-loaded terminalstype of connectable conductor cross-sectionsspring-loaded terminals solid or stranded2x (0,5 4 mm²) finely stranded with core end processing2x (0.5 2.5 mm²) finely stranded without core end processing2x (0.5 2.5 mm²) at WG cables for auxiliary contacts2x (0.0.5 2.5 mm²) at WG cables for auxiliary contacts2x (0.0.5 2.5 mm²) finely stranded without core end processing2x (0.5 2.5 mm²) at WG cables for auxiliary contacts2x (0.0.5 2.5 mm²) at WG cables for auxiliary contacts2x (0.5 2.5 mm²) with high demand rate acc. to SN 319201 000 000; With 0.3 x leproportion of dangerous failures	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> </ul>	10 mm 10 mm
at the side       6 mm         downwards       10 mm         • for live parts       10 mm         forwards       10 mm         upwards       10 mm         downwards       10 mm         at the side       6 mm         Connections/ Terminals       6 mm         type of electrical connection for auxiliary and control circuit       spring-loaded terminals         type of connectable conductor cross-sections       • for auxiliary contacts         - solid or stranded       2x (0,5 4 mm²)         - finely stranded with core end processing       2x (0,5 4 mm²)         - finely stranded with core end processing       2x (0,5 2.5 mm²)         • at AWG cables for auxiliary contacts       2x (20 12)         Safety related data       1000 000; With 0.3 x le         Proportion of dangerous failures       40 %         • with high demand rate acc. to SN 31920       40 %         • with high demand rate acc. to SN 31920       73 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> </ul>	10 mm 10 mm
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• for live parts10 mm- forwards10 mm- upwards10 mm- downwards10 mm- at the side6 mmConnections/ Terminalstype of electrical connection for auxiliary and control circuitspring-loaded terminalstype of connectable conductor cross-sections• for auxiliary contacts- solid or stranded2x (0,5 4 mm²)- finely stranded with core end processing2x (0,5 2.5 mm²)- finely stranded without core end processing2x (0.5 2.5 mm²)• at AWG cables for auxiliary contacts2x (20 12)Safety related dataB10 value with high demand rate acc. to SN 319201 000 000; With 0.3 x leproportion of dangerous failures40 %• with low demand rate acc. to SN 3192073 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> </ul>	10 mm 10 mm 0 mm
forwards10 mm upwards10 mm downwards10 mm at the side6 mmConnections/ Terminalstype of electrical connection for auxiliary and control circuitspring-loaded terminalstype of connectable conductor cross-sections• for auxiliary contacts- solid or stranded2x (0,5 4 mm²)- finely stranded with core end processing2x (0,5 4 mm²)- finely stranded with core end processing2x (0,5 2.5 mm²)• at AWG cables for auxiliary contacts2x (20 12)Safety related dataB10 value with high demand rate acc. to SN 319201 000 000; With 0.3 x leproportion of dangerous failures40 %• with low demand rate acc. to SN 3192040 %• with high demand rate acc. to SN 3192073 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm
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downwards10 mm at the side6 mmConnections/ Terminalstype of electrical connection for auxiliary and control circuitspring-loaded terminalstype of connectable conductor cross-sectionsspring-loaded terminals• for auxiliary contacts- solid or stranded solid or stranded2x (0,5 4 mm²) finely stranded with out core end processing2x (0.5 2.5 mm²) finely stranded without core end processing2x (20 12)Safety related dataB10 value with high demand rate acc. to SN 319201 000 000; With 0.3 x leproportion of dangerous failures40 %• with high demand rate acc. to SN 3192040 %• with high demand rate acc. to SN 3192073 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm
at the side6 mmConnections/ Terminalsspring-loaded terminalstype of electrical connection for auxiliary and control circuitspring-loaded terminalstype of connectable conductor cross-sectionsend or stranded• for auxiliary contacts2x (0,5 4 mm²) finely stranded with core end processing2x (0.5 2.5 mm²) finely stranded without core end processing2x (20 12)Safety related dataEnd or strandedB10 value with high demand rate acc. to SN 319201 000 000; With 0.3 x leproportion of dangerous failures40 %• with low demand rate acc. to SN 3192073 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>for wards</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm
Connections/ Terminals         type of electrical connection for auxiliary and control circuit       spring-loaded terminals         type of connectable conductor cross-sections          • for auxiliary contacts       2x (0,5 4 mm²)         - solid or stranded       2x (0,5 4 mm²)         - finely stranded with core end processing       2x (0,5 2.5 mm²)         - finely stranded without core end processing       2x (20 12)         Safety related data       2x (20 12)         B10 value with high demand rate acc. to SN 31920       1 000 000; With 0.3 x le         proportion of dangerous failures       40 %         • with low demand rate acc. to SN 31920       73 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>for wards</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm
type of electrical connection for auxiliary and control circuit       spring-loaded terminals         type of connectable conductor cross-sections          • for auxiliary contacts       2x (0,5 4 mm²)         — solid or stranded       2x (0,5 4 mm²)         — finely stranded with core end processing       2x (0,5 2.5 mm²)         — finely stranded without core end processing       2x (0.5 2.5 mm²)         • at AWG cables for auxiliary contacts       2x (20 12)         Safety related data          B10 value with high demand rate acc. to SN 31920       1 000 000; With 0.3 x le         proportion of dangerous failures       40 %         • with high demand rate acc. to SN 31920       73 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>upwards</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm
type of connectable conductor cross-sections• for auxiliary contacts— solid or stranded2x (0,5 4 mm²)— finely stranded with core end processing2x (0.5 2.5 mm²)— finely stranded without core end processing2x (0.5 2.5 mm²)• at AWG cables for auxiliary contacts2x (20 12)Safety related dataB10 value with high demand rate acc. to SN 31920• with low demand rate acc. to SN 3192040 %• with high demand rate acc. to SN 3192073 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>for wards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>for wards</li> <li>upwards</li> <li>at the side</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm 10 mm
<ul> <li>for auxiliary contacts         <ul> <li>solid or stranded</li> <li>2x (0,5 4 mm<sup>2</sup>)</li> <li>finely stranded with core end processing</li> <li>2x (0.5 2.5 mm<sup>2</sup>)</li> <li>finely stranded without core end processing</li> <li>2x (0.5 2.5 mm<sup>2</sup>)</li> <li>at AWG cables for auxiliary contacts</li> <li>2x (20 12)</li> </ul> </li> <li>Safety related data         <ul> <li>B10 value with high demand rate acc. to SN 31920</li> <li>1 000 000; With 0.3 x le</li> </ul> </li> <li>proportion of dangerous failures         <ul> <li>with low demand rate acc. to SN 31920</li> <li>40 %</li> <li>with high demand rate acc. to SN 31920</li> <li>73 %</li> </ul> </li> </ul>	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>for wards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>for wards</li> <li>upwards</li> <li>at the side</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm 10 mm
solid or stranded2x (0,5 4 mm²) finely stranded with core end processing2x (0,5 2.5 mm²) finely stranded without core end processing2x (0.5 2.5 mm²)- at AWG cables for auxiliary contacts2x (20 12)Safety related data2x (20 12)B10 value with high demand rate acc. to SN 319201 000 000; With 0.3 x leproportion of dangerous failures40 %• with low demand rate acc. to SN 3192073 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>at the side</li> <li>at the side</li> <li>at the side</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm 6 mm 10 mm 10 mm
finely stranded with core end processing finely stranded without core end processing e at AWG cables for auxiliary contacts $2x (0.5 2.5 mm^2)$ $2x (20 12)$ Safety related data $2x (20 12)$ B10 value with high demand rate acc. to SN 319201 000 000; With 0.3 x leproportion of dangerous failures e with low demand rate acc. to SN 3192040 % 73 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>for wards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>at the side</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm 6 mm 10 mm 10 mm
— finely stranded without core end processing • at AWG cables for auxiliary contacts $2x (0.5 \dots 2.5 \text{ mm}^2)$ $2x (20 \dots 12)$ Safety related dataB10 value with high demand rate acc. to SN 319201 000 000; With 0.3 x leproportion of dangerous failures • with low demand rate acc. to SN 3192040 % 73 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>for live parts</li> <li>forwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>downwards</li> <li>at the side</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm 6 mm 10 mm 10 mm
• at AWG cables for auxiliary contacts2x (20 12)Safety related dataB10 value with high demand rate acc. to SN 319201 000 000; With 0.3 x leproportion of dangerous failures• with low demand rate acc. to SN 3192040 %• with high demand rate acc. to SN 3192073 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>for at the side</li> <li>forwards</li> <li>for at the side</li> <li>downwards</li> <li>for at the side</li> <li>for auxiliary and control circuit</li> <li>type of connectable conductor cross-sections</li> <li>for auxiliary contacts</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm
Safety related data         B10 value with high demand rate acc. to SN 31920       1 000 000; With 0.3 x le         proportion of dangerous failures         • with low demand rate acc. to SN 31920       40 %         • with high demand rate acc. to SN 31920       73 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>for wards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>for live parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm 10 mm 2x (0,5 4 mm <sup>2</sup> )
B10 value with high demand rate acc. to SN 319201 000 000; With 0.3 x leproportion of dangerous failures• with low demand rate acc. to SN 3192040 %• with high demand rate acc. to SN 3192073 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 2x (0.5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> )
proportion of dangerous failures• with low demand rate acc. to SN 3192040 %• with high demand rate acc. to SN 3192073 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>for wards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>for live parts</li> <li>forwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>for auxiliary and control circuit</li> <li>type of electrical connection for auxiliary and control circuit</li> <li>type of connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> )
<ul> <li>with low demand rate acc. to SN 31920</li> <li>with high demand rate acc. to SN 31920</li> <li>73 %</li> </ul>	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>for live parts</li> <li>forwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> )
• with high demand rate acc. to SN 31920 73 %	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>for live parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>connections/ Terminals</li> <li>type of electrical connection for auxiliary and control circuit</li> <li>type of connectable conductor cross-sections</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 12)
	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>for wards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>for wards</li> <li>for live parts</li> <li>forwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>Safety related data</li> <li>B10 value with high demand rate acc. to SN 31920</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 12)
	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>for wards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>for wards</li> <li>for live parts</li> <li>forwards</li> <li>downwards</li> <li>for live parts</li> <li>forwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> <li>Safety related data</li> <li>B10 value with high demand rate acc. to SN 31920</li> <li>proportion of dangerous failures</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm 2x (0,5 4 mm <sup>2</sup> ) 2x (0,5 2.5 mm <sup>2</sup> ) 2x (0,5 2.5 mm <sup>2</sup> ) 2x (20 12) 1 000 000; With 0.3 x le
failure rate [FIT] with low demand rate acc. to SN 31920 100 FIT	<ul> <li>forwards</li> <li>upwards</li> <li>downwards</li> <li>at the side</li> <li>for grounded parts</li> <li>for grounded parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>for live parts</li> <li>forwards</li> <li>upwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> <li>downwards</li> <li>for live parts</li> <li>at the side</li> <li>downwards</li> <li>at the side</li> </ul> Connections/ Terminals type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections <ul> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> </ul> Safety related data B10 value with high demand rate acc. to SN 31920 proportion of dangerous failures <ul> <li>with low demand rate acc. to SN 31920</li> </ul>	10 mm 10 mm 0 mm 10 mm 10 mm 6 mm 10 mm 10 mm 10 mm 10 mm 10 mm 10 mm 6 mm Spring-loaded terminals 2x (0,5 4 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (0.5 2.5 mm <sup>2</sup> ) 2x (20 12) 1 000 000; With 0.3 x le 40 %

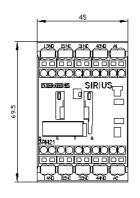
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Functional Safety/Safety of Machinery	Declaration of Co	nformity	Test Certificates		Marine / Shipping			
<u>Type Examination</u> <u>Certificate</u>	CE EG-Konf.	UK Declaration of Conformity	Special Test Certific- ate	<u>Type Test Certific-</u> ates/Test Report	ABS			
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Further information	wnloadcontor (Cata	logs Brochures						
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=3RH2122-2AB00 Care contine generated								
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2122-2AB00 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RH2122-2AB00								

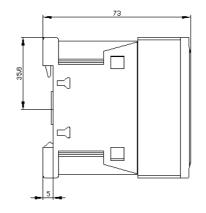
https://support.industry.siemens.com/cs/ww/en/ps/3RH2122-2AB00 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RH2122-2AB00&lang=en

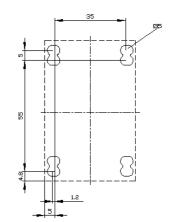
Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current

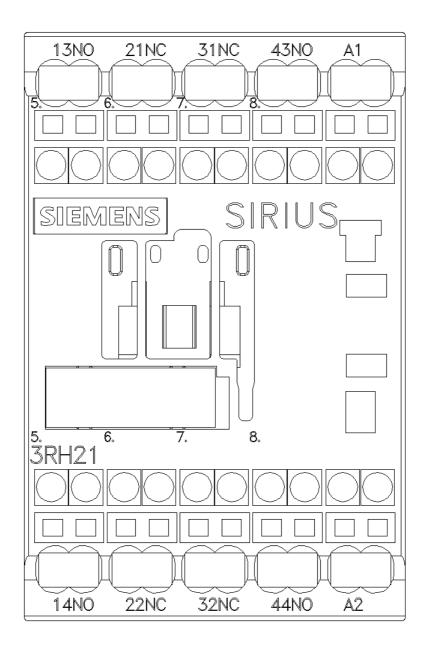
https://support.industry.siemens.com/cs/ww/en/ps/3RH2122-2AB00/char

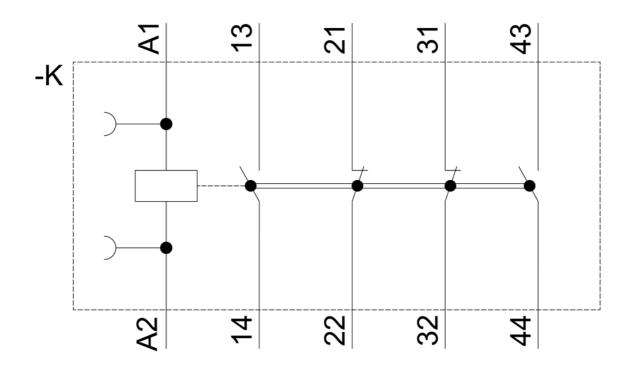
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RH2122-2AB00&objecttype=14&gridview=view1











last modified:

12/15/2020 🖸