## SIEMENS

## Data sheet

## 3RT2016-2AP62



power contactor, AC-3e/AC-3, 9 A, 4 kW / 400 V, 3-pole, 220 V AC, 50 Hz / 240 V, 60 Hz, auxiliary contacts: 1 NC, spring-loaded terminal, size: S00  $\,$ 

| product brand name         SIRIUS           product designation         Power contactor           product type designation         3RT2           Ceneral technical data  |
|---|
| product type designation       3RT2         General technical data       size of contactor         size of contactor       S00         product extension       No         • function module for communication       No         • auxiliary switch       Yes         power loss [W] for rated value of the current       0.9 W         • at AC in hot operating state       0.9 W         • at AC in hot operating state per pole       0.3 W         • without load current share typical       1.2 W         insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       6 kV         • of main circuit rated value       6 kV         • of anai neontacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       6,7g / 5 ms, 4,2g / 10 ms         • at AC       6,7g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse       10.5g / 5 ms, 6,6g / 10 ms         • at AC       10.5g / 5 ms, 6,6g / 10 ms   |
| General technical data         size of contactor       S00         product extension <ul> <li>function module for communication</li> <li>auxiliary switch</li> <li>Yes</li> <li>power loss [W] for rated value of the current</li> <li>at AC in hot operating state</li> <li>0.9 W</li> <li>at AC in hot operating state per pole</li> <li>0.3 W</li> <li>without load current share typical</li> <li>1.2 W</li> <li>insulation voltage</li> <li>of main circuit with degree of pollution 3 rated value</li> <li>690 V</li> <li>surge voltage resistance</li> <li>of main circuit rated value</li> <li>6 kV</li> <li>of auxiliary circuit rated value</li> <li>6 kV</li> <li>maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1</li> <li>shock resistance at rectangular impulse</li> <li>ot AC</li> <li>6.7g / 5 ms, 4,2g / 10 ms</li> <li>shock resistance with sine pulse</li> <li>ot AC</li> <li>10,5g / 5 ms, 6,6g / 10 ms</li> <li>mechanical service life (operating cycles)</li> <li>of contactor typical</li> <li>30 000 000</li> </ul>  |
| size of contactor     S00       product extension     • function module for communication     No       • auxiliary switch     Yes       power loss [W] for rated value of the current     0.9 W       • at AC in hot operating state     0.9 W       • at AC in hot operating state per pole     0.3 W       • without load current share typical     1.2 W       insulation voltage     690 V       • of main circuit with degree of pollution 3 rated value     690 V       surge voltage resistance     6 kV       • of main circuit rated value     6 kV       • of auxiliary circuit rated value     6 kV       • of main circuit rated value     6 kV       • of auxiliary circuit muth degree of pollution 3 rated value     600 V       surge voltage resistance     6 kV       • of main circuit rated value     6 kV       • of auxiliary circuit mated value     6 kV       • of createstance with sine pulse     6,7g / 5 ms, 4,2g / 10 ms       • at AC     10,5g / 5 ms, 6,6g / 10 ms |
| product extension       in         • function module for communication       No         • auxiliary switch       Yes         power loss [W] for rated value of the current       0.9 W         • at AC in hot operating state       0.9 W         • at AC in hot operating state per pole       0.3 W         • without load current share typical       1.2 W         insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit with degree of pollution 3 rated value       690 V         • of main circuit rated value       690 V         • of main circuit rated value       64V         • of main circuit rated value       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • at AC       6.7g / 5 ms, 4.2g / 10 ms </th                                   |
| • function module for communicationNo• auxiliary switchYespower loss [W] for rated value of the current0.9 W• at AC in hot operating state0.9 W• at AC in hot operating state per pole0.3 W• without load current share typical1.2 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 V• of main circuit rated value690 V• of main circuit rated value6 kV• of main circuit rated value6 kV• of main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse6,7g / 5 ms, 4,2g / 10 ms• at AC10,5g / 5 ms, 6,6g / 10 ms• at AC10,5g / 5 ms, 6,6g / 10 ms   |
| • auxiliary switchYespower loss [W] for rated value of the current  |
| power loss [W] for rated value of the current       0.9 W         • at AC in hot operating state       0.9 W         • at AC in hot operating state per pole       0.3 W         • without load current share typical       1.2 W         insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       6         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       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       6.7g / 5 ms, 4.2g / 10 ms         • at AC       6.7g / 5 ms, 6.6g / 10 ms         mechanical service life (operating cycles)       30 000 000  |
| • at AC in hot operating state       0.9 W         • at AC in hot operating state per pole       0.3 W         • without load current share typical       1.2 W         insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       6         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       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       6,7g / 5 ms, 4,2g / 10 ms         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       30 000 000   |
| • at AC in hot operating state per pole0.3 W• without load current share typical1.2 Winsulation voltage690 V• of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 Vsurge voltage resistance6 kV• of main circuit rated value6 kV• of auxiliary circuit rated value6 kVmaximum permissible voltage for protective separation between<br>coil and main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse<br>• at AC6.7g / 5 ms, 4.2g / 10 msshock resistance with sine pulse<br>• at AC10,5g / 5 ms, 6,6g / 10 msmechanical service life (operating cycles)<br>• of contactor typical30 000 000  |
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| insulation voltage       690 V         • of main circuit with degree of pollution 3 rated value       690 V         • of auxiliary circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       690 V         • of main circuit rated value       690 V         of auxiliary circuit rated value       690 V         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       6 kV         • of auxiliary circuit rated value       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       6,7g / 5 ms, 4,2g / 10 ms         • at AC       6,7g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       30 000 000         • of contactor typical       30 000 000   |
| • of main circuit with degree of pollution 3 rated value690 V• of auxiliary circuit with degree of pollution 3 rated value690 Vsurge voltage resistance690 V• of main circuit rated value6 kV• of auxiliary circuit rated value6 kV• of contacts according to EN 60947-1400 V• at AC6,7g / 5 ms, 4,2g / 10 ms• at AC10,5g / 5 ms, 6,6g / 10 ms• at AC10,5g / 5 ms, 6,6g / 10 ms• at AC30 000 000  |
| • of auxiliary circuit with degree of pollution 3 rated value       690 V         surge voltage resistance       6 kV         • of main circuit rated value       6 kV         • of auxiliary circuit rated value       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       6,7g / 5 ms, 4,2g / 10 ms         • at AC       6,7g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       30 000 000   |
| surge voltage resistance       6         • of main circuit rated value       6         • of auxiliary circuit rated value       6         • of auxiliary circuit rated value       6         • of auxiliary circuit rated value       6         maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       6,7g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse       6,7g / 5 ms, 6,6g / 10 ms         machanical service life (operating cycles)       30 000 000   |
| • of main circuit rated value6 kV• of auxiliary circuit rated value6 kVmaximum permissible voltage for protective separation between<br>coil and main contacts according to EN 60947-1400 Vshock resistance at rectangular impulse<br>• at AC6,7g / 5 ms, 4,2g / 10 msshock resistance with sine pulse<br>• at AC10,5g / 5 ms, 6,6g / 10 msmechanical service life (operating cycles)<br>• of contactor typical30 000 000   |
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| maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1       400 V         shock resistance at rectangular impulse       6,7g / 5 ms, 4,2g / 10 ms         • at AC       6,7g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse       10,5g / 5 ms, 6,6g / 10 ms         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       30 000 000   |
| coil and main contacts according to EN 60947-1         shock resistance at rectangular impulse         • at AC       6,7g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)         • of contactor typical       30 000 000   |
| • at AC       6,7g / 5 ms, 4,2g / 10 ms         shock resistance with sine pulse       -         • at AC       10,5g / 5 ms, 6,6g / 10 ms         mechanical service life (operating cycles)       -         • of contactor typical       30 000 000  |
| shock resistance with sine pulse     0.50 / 5 ms, 6,6g / 10 ms       • at AC     10,5g / 5 ms, 6,6g / 10 ms       mechanical service life (operating cycles)     30 000 000   |
| • at AC     10,5g / 5 ms, 6,6g / 10 ms       mechanical service life (operating cycles)     30 000 000  |
| mechanical service life (operating cycles)     30 000 000   |
| of contactor typical     30 000 000   |
|   |
| <ul> <li>of the contactor with added electronically optimized</li> <li>5,000,000</li> </ul>   |
| auxiliary switch block typical  |
| of the contactor with added auxiliary switch block typical     10 000 000   |
| reference code according to IEC 81346-2 Q   |
| Substance Prohibitance (Date) 10/01/2009  |
| 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 95 % 95 %  |
| Main circuit  |
| number of poles for main current circuit 3  |

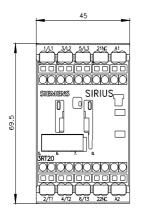
| number of NO contacts for main contacts  | 3                 |
|--|-------------------|
| operating voltage  |                   |
| at AC-3 rated value maximum  | 690 V             |
| <ul> <li>at AC-3e rated value maximum</li> </ul>   | 690 V             |
| operational current  |                   |
| • at AC-1 at 400 V at ambient temperature 40 °C rated  | 22 A              |
| value  |                   |
| • at AC-1  |                   |
| — up to 690 V at ambient temperature 40 °C rated<br>value  | 22 A              |
| — up to 690 V at ambient temperature 60 °C rated   | 20 A              |
| value  |                   |
| ● at AC-3  |                   |
| — at 400 V rated value   | 9 A               |
| — at 500 V rated value   | 7.7 A             |
| — at 690 V rated value   | 6.7 A             |
| • at AC-3e   |                   |
| — at 400 V rated value   | 9 A               |
| — at 500 V rated value   | 7.7 A             |
| — at 690 V rated value   | 6.7 A             |
| at AC-4 at 400 V rated value   | 8.5 A             |
| at AC-5a up to 690 V rated value   | 19.4 A            |
| • at AC-5b up to 400 V rated value   | 7.4 A             |
| • at AC-6a   | 5.2.4             |
| — up to 230 V for current peak value n=20 rated value  | 5.3 A             |
| <ul> <li>— up to 400 V for current peak value n=20 rated value</li> <li>— up to 500 V for current peak value n=20 rated value</li> </ul> | 5.3 A<br>5.3 A    |
| — up to 500 V for current peak value n=20 rated value  | 5.5 A             |
| • at AC-6a   | 54                |
| <ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>  | 3.5 A             |
| — up to 200 V for current peak value n=30 rated value  | 3.5 A             |
| — up to 500 V for current peak value n=30 rated value  | 3.6 A             |
| — up to 690 V for current peak value n=30 rated value  | 3.3 A             |
| minimum cross-section in main circuit at maximum AC-1 rated  | 4 mm <sup>2</sup> |
| value  |                   |
| operational current for approx. 200000 operating cycles at<br>AC-4   |                   |
| at 400 V rated value   | 4.1 A             |
| at 690 V rated value   | 3.3 A             |
| operational current  |                   |
| • at 1 current path at DC-1  |                   |
| — at 24 V rated value  | 20 A              |
| — at 60 V rated value  | 20 A              |
| — at 110 V rated value   | 2.1 A             |
| — at 220 V rated value   | 0.8 A             |
| — at 440 V rated value   | 0.6 A             |
| — at 600 V rated value   | 0.6 A             |
| <ul> <li>with 2 current paths in series at DC-1</li> </ul>   |                   |
| — at 24 V rated value  | 20 A              |
| — at 60 V rated value  | 20 A              |
| — at 110 V rated value   | 12 A              |
| — at 220 V rated value   | 1.6 A             |
| — at 440 V rated value   | 0.8 A             |
| — at 600 V rated value   | 0.7 A             |
| <ul> <li>with 3 current paths in series at DC-1</li> </ul>   |                   |
| — at 24 V rated value  | 20 A              |
| — at 60 V rated value  | 20 A              |
| — at 110 V rated value   | 20 A              |
| — at 220 V rated value   | 20 A              |
| — at 440 V rated value   | 1.3 A             |
| — at 600 V rated value   | 1 A               |
| <ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>  |                   |

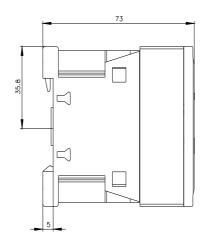
| — at 24 V rated value  | 20 A  |
|--|---|
| — at 60 V rated value  | 0.5 A   |
| — at 110 V rated value   | 0.15 A  |
| <ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>   |   |
| — at 24 V rated value  | 20 A  |
| — at 60 V rated value  | 5 A   |
| — at 110 V rated value   | 0.35 A  |
| <ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>   |   |
| — at 24 V rated value  | 20 A  |
| — at 60 V rated value  | 20 A  |
| — at 110 V rated value   | 20 A  |
| — at 220 V rated value   | 1.5 A   |
| — at 440 V rated value   | 0.2 A   |
| — at 600 V rated value   | 0.2 A   |
| operating power  | 0.27  |
| at AC-2 at 400 V rated value   | 4 kW  |
| • at AC-2 at 400 v Taled value   | 4 ٨٧٧   |
|  |   |
| — at 230 V rated value   | 2.2 kW  |
| — at 400 V rated value   | 4 kW  |
| — at 500 V rated value   | 4 kW  |
| — at 690 V rated value   | 5.5 kW  |
| • at AC-3e   |   |
| — at 230 V rated value   | 2.2 kW  |
| — at 400 V rated value   | 4 kW  |
| — at 500 V rated value   | 4 kW  |
| — at 690 V rated value   | 5.5 kW  |
| operating power for approx. 200000 operating cycles at AC-   |   |
| 4  | 2 kW  |
| at 400 V rated value   |   |
| • at 690 V rated value   | 2.5 kW  |
| operating apparent power at AC-6a  | 011/4   |
| • up to 230 V for current peak value n=20 rated value  | 2 kVA   |
| <ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>  | 3.6 kVA   |
| • up to 500 V for current peak value n=20 rated value  | 4.6 kVA   |
| • up to 690 V for current peak value n=20 rated value  | 5.9 kVA   |
| operating apparent power at AC-6a  |   |
| <ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>  | 1.3 kVA   |
| <ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul>  | 2.4 kVA   |
| <ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul>  | 3.1 kVA   |
| <ul> <li>up to 690 V for current peak value n=30 rated value</li> </ul>  | 4 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>   | 155 A; Use minimum cross-section acc. to AC-1 rated value |
| <ul> <li>limited to 5 s switching at zero current maximum</li> </ul>   | 111 A; Use minimum cross-section acc. to AC-1 rated value |
| Imited to 5 s switching at zero current maximum  | 86 A; Use minimum cross-section acc. to AC-1 rated value  |
| <ul> <li>Initial to 10 s switching at zero current maximum</li> <li>Iimited to 30 s switching at zero current maximum</li> </ul> | 66 A; Use minimum cross-section acc. to AC-1 rated value  |
| -  | 55 A; Use minimum cross-section acc. to AC-1 rated value  |
| Imited to 60 s switching at zero current maximum   | Son, ose minimum doss-section act. to AC-1 rated value    |
| no-load switching frequency  | 10 000 1/b  |
| • at AC  | 10 000 1/h  |
| operating frequency  | 1 000 1/b   |
| • 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  | AC  |
| control supply voltage at AC   |   |
| • at 50 Hz rated value   | 220 V   |
| • at 60 Hz rated value   | 240 V   |
| operating range factor control supply voltage rated value of   |   |
| magnet coil at AC  |   |

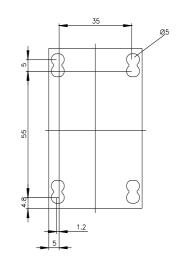
| • at 50 Hz   | 0.8 1.1   |
|--|---|
| • at 60 Hz   | 0.8 1.1   |
| apparent pick-up power of magnet coil at AC                        |   |
| • at 50 Hz   | 26.4 VA   |
| • at 60 Hz   | 26.4 VA   |
| inductive power factor with closing power of the coil              |   |
| • at 50 Hz   | 0.81  |
| • at 60 Hz   | 0.81  |
| apparent holding power of magnet coil at AC                        |   |
| • at 50 Hz   | 4.4 VA  |
| • at 60 Hz   | 4.4 VA  |
| inductive power factor with the holding power of the coil          |   |
| • at 50 Hz   | 0.24  |
| • at 60 Hz   | 0.24  |
| closing delay  |   |
| • at AC  | 9 35 ms   |
| opening delay  |   |
| • at AC  | 4 15 ms   |
| arcing time  | 10 15 ms  |
| control version of the switch operating mechanism                  | Standard A1 - A2                                |
| uxiliary circuit   |   |
| number of NC contacts for auxiliary contacts instantaneous contact | 1   |
| operational current at AC-12 maximum                               | 10 A  |
| operational current at AC-15                                       |   |
| <ul> <li>at 230 V rated value</li> </ul>                           | 10 A  |
| <ul> <li>at 400 V rated value</li> </ul>                           | 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   |
| <ul> <li>at 110 V rated value</li> </ul>                           | 3 A   |
| <ul> <li>at 125 V rated value</li> </ul>                           | 2 A   |
| <ul> <li>at 220 V rated value</li> </ul>                           | 1 A   |
| • at 600 V rated value   | 0.15 A  |
| operational current at DC-13                                       |   |
| • 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) |
| JL/CSA ratings   |   |
| full-load current (FLA) for 3-phase AC motor                       |   |
| • at 480 V rated value   | 7.6 A   |
| • at 600 V rated value   | 9 A   |
| yielded mechanical performance [hp]                                |   |
| <ul> <li>for single-phase AC motor</li> </ul>                      |   |
| — at 110/120 V rated value   | 0.33 hp   |
| — at 230 V rated value   | 1 hp  |
| • for 3-phase AC motor   |   |
| — at 200/208 V rated value   | 2 hp  |
|  |   |
| <ul> <li>— at 220/230 V rated value</li> </ul>                     | 3 hp  |
| — at 220/230 V rated value<br>— at 460/480 V rated value           | 3 hp<br>5 hp                                    |
|  |   |
| — at 460/480 V rated value   | 5 hp  |

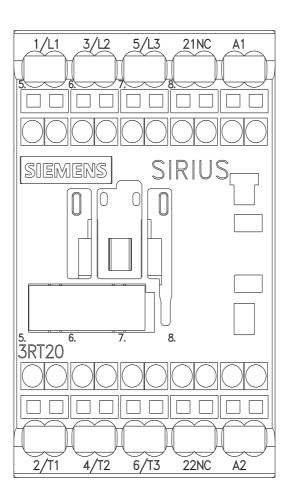
| • of whit-choic is protection of the main circuit- with type of conduction of required05.054 (6007, 1004A), abl. 20A (6007, 1004A), BSBR. 30A (4157, 500A)• with type of conduction of the eacling white require05.00A (6007, 1004A), abl. 20A (6007, 1004A), BSBR. 30A (4157, 500A)• is derived conduction of the eacling white require05.00A (6007, 1004A), abl. 20A (6007, 1004A), BSBR. 30A (4157, 500A)• is derived conduction of the eacling white require05.00A (6007, 1004A), abl. 20A (6007, 1004A), BSBR. 30A (4157, 500A)• is derived conduction of the eacling white required is possible on whice innovating surface; can be Blied forward and<br>beakersky by 22A* on whice innovating surface; can be Blied forward and<br>beakersky by 22A* on whice innovating surface; can be Blied forward and<br>to beakersky by 22A* on whice innovating surface; can be Blied forward and<br>to beakersky by 22A* on whice innovating surface; can be Blied forward and<br>to beakersky by 22A* on whice innovating surface; can be Blied forward and<br>to beakersky by 22A* on whice innovating surface; can be Blied forward and<br>to beakersky by 22A* on whice innovating surface; can be Blied forward and<br>to beakersky by 22A* on whice innovating surface; can be Blied forward and<br>to beakersky by 22A* on whice innovating surface; can be Blied forward and<br>to beakersky by 22A* on whice innovating surface; can be Blied forward and<br>to annovation cand be Blied forward and<br>to ann   | design of the fuse link   |   |
|--|---|---|
|  | -   |   |
|  |   | aG: 354 (690)/ 100kA) aM· 204 (690)/ 100kA) RS88 354 (415)/ 80kA)                 |
| or tank-cranit protection of the auxiliary sortich required96:10.A (80.V.1 KA)tabilities manufing dimensions150° r (afticin peaktor in vertical monoling suffice, can be litted forward and<br>independence on mounting onto 35 mm DNN rail according to DNN EN 60715<br>Yes* stable soft mountingYes• stable soft mounting70 mmwitch46 mmcontrol73 mmwitch70 mmvertice spacing73 mm• with side shyside mounting70 mm- or barded spacing10 mm- o   |   |   |
| http://www.communities.communit                  |   | • • • • • • • • • • • •   |
| membra position         +100" rotation possitie on vertical mounting surface; can be tilled forward and become and manage surface; can be tilled forward and become and manage surface; can be tilled forward and become and manage surface; can be tilled forward and become and manage on mounting onto 25 mm DIN rail according to DIN EN 60715           store hyside mounting         Yes           height         Yes           width         45 mm           doth         7 mm           required spacing         7 mm           - upwards         10 mm           - dorwards         10 mm           - dorwards         10 mm           - dorwards         10 mm           - dorwards         10 mm           - upwards         10 mm           - dorwards         10 mm   |   | 99. 10 A (500 V, 1 KA)  |
| Index         Dackward by <i>i</i> ,  |   | +/-180° rotation possible on vertical mounting surface: can be tilted forward and |
| side-by-side mountingYesheight70 mmwidth45 mddepth71 mdrequired spacing71 md   | mounting position   |   |
| heigh         70 mm           width         45 mm           doph         73 mm           required spacing         73 mm           required spacing         70 mm           - upwards         10 mm           - forwain current circuit         spring-loaded terminals           totatot circuit         spring-loaded terminals           totatotatot circuit   | fastening method  | screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715          |
| width         45 mm           depth         73 mm           depth         73 mm           events depending         73 mm           - forwards         10 mm           - dowwards         10 mm           - upwards         10 mm           - dowwards         10 mm           - dowards         10 mm           - dowards         10 mm           - dow   | <ul> <li>side-by-side mounting</li> </ul>                       | Yes   |
| deph         78 m           required spacing         -           - forwards         10 mm           - upwards         10 mm           - dowmards   | height  | 70 mm   |
| redured specing         -           • with side byside mounting         -           - forwards         10 mm           - upwards         10 mm           - downwards         0 mm           - downwards         0 mm           - downwards         10 mm           - downwards         10 mm           - upwards         0 mm           - downwards         10 mm           - at the side  | width   | 45 mm   |
| • with side-Syndia mounting         - forwards         10 mm           - forwards         10 mm           - downwards         00 mm           - downwards         00 mm           - downwards         10 mm           - downwards         10 mm           - downwards         10 mm           - upwards         10 mm           - upwards         10 mm           - downwards         10 mm           - upwards         10 mm           - downwards         10 mm           - downwards         50 main           - for uain         50 main           - for uain         50 main           - for uain         50 main   | depth   | 73 mm   |
| - forwards10 mm- upwards00 mm- dorwards00 mm- at the side00 mm- at the side00 mm- forwards10 mm- upwards00 mm- upwards00 mm- upwards00 mm- dorwards10 mm- dorwards50 mm- dorwards10 mm- dorwards50 mm- dorwards20 (054 mm <sup>2</sup> )- solid20 (054 mm <sup>2</sup> )- solid or standed054 mm <sup>2</sup> - solid or standed054 mm <sup>2</sup> - solid or standed with core end processing0525 mm <sup>2</sup> - solid or standed with core end processing0525 mm <sup>2</sup> - inely standed with core end processing0525 mm <sup>2</sup> - inely standed with core end processing0525 mm <sup>2</sup> - ine  | required spacing  |   |
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| - downwards0 mm- at the side0 mm- for younds10 mm- forwards10 mm- upwards0 mm- downwards0 mm- downwards10 mm- downwards10 mm- downwards10 mm- forwards10 mm- downwards0 mm- upwards10 mm- downwards0 mm- downwards0 mm- downwards0 mm- downwards9 mm- downwards2 k (0.5 4 mm <sup>2</sup> - solid cor standed0 S   | — forwards  | 10 mm   |
| at the side0 mm• for grounded parts10 mm upwards10 mm upwards0 mm at the side6 mm at the side0 mm dowmards10 mm dowmards10 mm dowmards10 mm dowmards0 mm upwards10 mm dowmards0 mm dowmards0 mm dowmards0 mm dowmards0 mm dowmards0 mm dowmards5 mm dowmards2 x (0.5 4 mm <sup>2</sup> ) of downards2 x (0.5 2.5 mm <sup>2</sup> ) of downards5 4 mm <sup>2</sup> old of or stranded5 4 mm <sup>2</sup> old or stranded5 2.5 mm <sup>2</sup> old or stranded with core end processing5 2.5 mm <sup>2</sup> onextable conductor cross-section for mailing contacts5 4 mm <sup>2</sup> old or stranded with core end processing5 2.5 mm <sup>2</sup> old or stranded with core end processing5 2.5 mm <sup>2</sup> onextable conductor cross-sections5 2.5 mm <sup>2</sup> finely stranded w  | — upwards   | 10 mm   |
| • for grounded parts0- forwards10 mm- upwards6 mm- downwards6 mm- downwards10 mm- downwards10 mm- upwards10 mm- upwards10 mm- upwards10 mm- upwards10 mm- downwards10 mm- downwards5 mm- downwards6 mm- downwards5 mm- downwards5 mm- downwards5 mm- downwards5 pring-tope terminals- downwards5 pring-tope terminals- downwards5 pring-tope terminals- for auxiliary and control circuitspring-tope terminals• for auxiliary and control circuit5 pring-tope terminals• for auxiliary and control circuit2 x (0.5 4 mm <sup>2</sup> )• exild6 S 4 mm <sup>2</sup> • exild0 S 4 mm <sup>2</sup> • exild0 S 4 mm <sup>2</sup> • for built core end processing2 x (0.5 4 mm <sup>2</sup> )• exild0 S 4 mm <sup>2</sup> • exild0 S 2 S mm <sup>2</sup> • exild exitned with out core end processing0 S   | — downwards   | 10 mm   |
| - forwards     10 mm       - upwards     6 mm       - upwards     10 mm       - downwards     10 mm       - downwards     10 mm       - forwards     10 mm       - forwards     10 mm       - upwards     10 mm       - downwards     0 mm       - downwards     0 mm       - downwards     6 mm       - downwards     6 mm       - downwards     6 mm       - downwards     5 ming-type terminals       - of or axuillary contacts     5 x (0.5 4 mm <sup>2</sup> )       - solid     0 x 4 mm <sup>2</sup> - solid     0 S 4 mm <sup>2</sup> - solid o stranded     0 S 4 mm <sup>2</sup> - solid o stranded     0 S 4 mm <sup>2</sup> - indiv stranded witho cre end processing   | — at the side   | 0 mm  |
|  | <ul> <li>for grounded parts</li> </ul>                          |   |
| - a the side6 mm- downwards10 mm• for ive parts10 mm- upwards10 mm- upwards10 mm- upwards0 mm- downwards6 mm- downwards6 mm- downwards6 mm- downwards9 pring-loaded terminals- of or and current circuitspring-loaded terminals• for auxiliary and control drouitspring-loaded terminals• for auxiliary contactsSpring-loaded terminals• of or auxiliary contactsSpring-loaded terminals• of auxiliary contactsSpring-loaded terminals• olid or strandedZx (0.5 4 mm <sup>2</sup> )• finely stranded with core end processingO.5 2.5 mm <sup>2</sup> • finely stranded without core end processingO.5 2.5 mm <sup>2</sup> • finely stranded without core end processingO.5 2.5 mm <sup>2</sup> • finely stranded without core end processingO.5 2.5 mm <sup>2</sup> • finely stranded without core end processingO.5 2.5 mm <sup>2</sup> • finely stranded without core end processingO.5 2.5 mm <sup>2</sup> • finely stranded witho  | — forwards  | 10 mm   |
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| • for live parts- forwards10 mm- upwards10 mm- upwards0 mm- downwards0 mm- at the side6 mmconnections/ Terminalstype of electrical connection• for main current circuitsping-loaded terminals• for main current circuitsping-loaded terminals• at contactor for auxiliary oratactsSpring-type terminals• of magnet coll2x (0.5 4 mm²)• solid or stranded2x (0.5 4 mm²)• solid or stranded0.5 4 mm²• solid or stranded with core end processing2x (0.5 25 mm²)• finely stranded with core end processing0.5 25 mm²• finely stranded with core end processing0.5 25 mm² <td>— at the side</td> <td>6 mm</td>   | — at the side   | 6 mm  |
| - forwards10 mm- upwards10 mm- downwards00 mm- downwards6 mm- at the side6 mmconnections/ Terminalsspring-loaded terminalsconnections/ Terminalsspring-loaded terminalsof or and normer torcuitspring-loaded terminalsof or and normer torcuitSpring-loaded terminalsof angant collSpring-loaded terminals <td>— downwards</td> <td>10 mm</td>  | — downwards   | 10 mm   |
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| - downwards     10 mm       - at the side     6 mm       connections/Terminals     5 mm       type of electrical connection     spring-loaded terminals       • for auxiliary and control circuit     spring-loaded terminals       • at contactor for auxiliary contacts     Spring-type terminals       • of magnet coll     Spring-type terminals       • solid     2x (0.5 4 mm²)       • solid or stranded     2x (0.5 4 mm²)       • solid or stranded     0.5 2.5 mm²)       • solid     0.5 4 mm²       • solid     0.5 4 mm²       • solid or stranded     0.5 2.5 mm²)       • solid     0.5 4 mm²       • solid     0.5 4 mm²       • solid     0.5 2.5 mm²)       • solid     0.5 2.5 mm²       • solid     0.5 2.5 mm²       • solid 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       • 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     0.5 2.5 mm²       • for auxiliary contacts     0.5 2.5 mm²       • for auxiliary contacts     2x (0.5 2.5 mm²   | — forwards  | 10 mm   |
|  | — upwards   | 10 mm   |
| Connections/ Terminals           type of electrical connection           • for main current circuit         spring-loaded terminals           • for auxiliary and control circuit         spring-loaded terminals           • at contactor for auxiliary contacts         Spring-type terminals           • of magnet coll         Spring-type terminals           • solid         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 with core end processing         0.5 4 mm²           • solid         0.5 4 mm²           • solid or 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           • for auxiliary contacts  | — downwards   | 10 mm   |
| type of electrical connection              if or main current circuit         spring-loaded terminals           i of auxiliary and control circuit         spring-loaded terminals           i of auxiliary contacts         Spring-type terminals           i of agnet coil         Spring-type terminals           type of connectable conductor cross-sections for main contacts         i solid           i solid         2x (0.5 4 mm²)           i finely stranded with core end processing         2x (0.5 2.5 mm²)           connectable conductor cross-section for main contacts         i solid           i solid         0.5 4 mm²           i finely stranded with core end processing         2x (0.5 2.5 mm²)           connectable conductor cross-section for main contacts         i stranded           i solid         0.5 4 mm²           i finely stranded with core end processing         0.5 4 mm²           i finely stranded with core end processing         0.5 4 mm²           i finely stranded with core end processing         0.5 4 mm²           i finely stranded with core end processing         0.5 4 mm²           i finely stranded with core end processing         0.5 4 mm²           i finely stranded with core end processing         0.5 4 mm²           i finely stranded with core end processing         0.5 2.5 mm²   | — at the side   | 6 mm  |
| informatic current circuitspring-loaded terminalsinformatic control circuitspring-loaded terminalsinformatic control circuitSpring-loaded terminalsinformatic control circuitSpring-lype terminalsinformatic control circuit  | Connections/ Terminals  |   |
| • for auxiliary and control circuitspring-loaded terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminalstype of connectable conductor cross-sections for main contacts2x (0.5 4 mm²)• solid2x (0.5 4 mm²)• solid or stranded2x (0.5 4 mm²)• finely stranded with core end processing2x (0.5 2.5 mm²)• connectable conductor cross-section for main contacts   | type of electrical connection                                   |   |
| • at contactor for auxiliary contacts     Spring-type terminals       • of magnet coll     Spring-type terminals       type of connectable conductor cross-sections for main contacts        • solid     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)       • solid     0.5 4 mm²       • stranded     0.5 4 mm²       • stranded     0.5 4 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 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     2x (0.5 2.5 mm²)       • for auxiliary contacts   | for main current circuit  | spring-loaded terminals   |
| • of magnet coil       Spring-type terminals         type of connectable conductor cross-sections for main contacts       2x (0.5 4 mm <sup>3</sup> )         • solid       2x (0.5 4 mm <sup>3</sup> )         • solid or stranded with core end processing       2x (0.5 2.5 mm <sup>3</sup> )         • finely stranded with core end processing       2x (0.5 2.5 mm <sup>3</sup> )         • solid       0.5 4 mm <sup>3</sup> • solid       0.5 4 mm <sup>3</sup> • solid       0.5 4 mm <sup>3</sup> • stranded with core end processing       0.5 4 mm <sup>3</sup> • finely stranded with core end processing       0.5 4 mm <sup>3</sup> • finely stranded with core end processing       0.5 2.5 mm <sup>3</sup> • finely stranded with core end processing       0.5 2.5 mm <sup>3</sup> • finely stranded with core end processing       0.5 2.5 mm <sup>3</sup> • finely stranded with core end processing       0.5 2.5 mm <sup>3</sup> • finely stranded with core end processing       0.5 2.5 mm <sup>3</sup> • finely stranded without core end processing       0.5 2.5 mm <sup>3</sup> • finely stranded with core end processing       0.5 2.5 mm <sup>3</sup> • finely stranded with core end processing       2x (0.5 4 mm <sup>3</sup> )         • finely stranded with core end processing       2x (0.5 4 mm <sup>3</sup> )         • finely stranded with core end processing <td< td=""><td><ul> <li>for auxiliary and control circuit</li> </ul></td><td>spring-loaded terminals</td></td<>  | <ul> <li>for auxiliary and control circuit</li> </ul>           | spring-loaded terminals   |
| type of connectable conductor cross-sections for main contacts       2x (0.5 4 mm²)         solid or stranded       2x (0.5 4 mm²)         infinely stranded with core end processing       2x (0.5 2.5 mm²)         connectable conductor cross-section for main contacts       5 2.5 mm²)         solid       0.5 4 mm²         otimely stranded with core end processing       0.5 4 mm²         otimely stranded with core end processing       0.5 4 mm²         otimely stranded with core end processing       0.5 4 mm²         otimely stranded with core end processing       0.5 4 mm²         otimely stranded with core end processing       0.5 2.5 mm²         otimely stranded with core end processing       0.5 2.5 mm²         otimely stranded with core end processing       0.5 2.5 mm²         otimely stranded with core end processing       0.5 2.5 mm²         of new stranded       0.5 2.5 mm²         of on auxiliary contacts       0.5 2.5 mm²         of or auxiliary contacts       0.5 4 mm²)         of new stranded with core end processing       0.5 2.5 mm²         of or auxiliary contacts       2x (0.5 2.5 mm²)         of or auxiliary contacts       2x (0.5 2.5 mm²)         of or auxiliary contacts       2x (0.5 2.5 mm²) <td< td=""><td><ul> <li>at contactor for auxiliary contacts</li> </ul></td><td>Spring-type terminals</td></td<>  | <ul> <li>at contactor for auxiliary contacts</li> </ul>         | Spring-type terminals   |
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| • finely stranded without core end processing2x (0.5 2.5 mm²)connectable conductor cross-section for main contacts0.5 4 mm²• solid0.5 4 mm²• stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• solid or stranded0.5 4 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 processing2.x (0.5 4 mm²)• finely stranded with core end processing2.x (0.5 2.5 mm²)• finely stranded with core end processing2.x (0.5 2.5 mm²)• finely stranded without core end processing2.x (0.5 2.5 mm²)• for auxiliary contacts2.x (0.5 2.5 mm²)• for walk connectable conductor cross2.x (0.5 2.5 mm²)• for main contacts20 12• for main contacts20 12• for main contacts20 12• for auxiliary contacts20 12• for auxiliary contacts20 12  | <ul> <li>solid or stranded</li> </ul>                           | 2x (0,5 4 mm²)  |
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| • finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²• solid or stranded0.5 4 mm²• solid or stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²• for auxiliary contacts2x (0,5 4 mm²)• for auxiliary contacts2x (0,5 4 mm²)• for auxiliary contacts2x (0,5 2.5 mm²)• finely stranded with core end processing2x (0,5 2.5 mm²)• for auxiliary contacts2x (0,5 2.5 mm²)• for AWG cables for auxiliary contacts2x (0.5 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 12)AWG number as coded connectable conductor cross<br>section20 12• for main contacts<br>• for auxiliary contacts20 12• for auxiliary contacts20 12• addet data   | • solid   | 0.5 4 mm²   |
| • finely stranded without core end processing0.5 2.5 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 without core end processing0.5 2.5 mm²• type of connectable conductor cross-sections2.5 mm²• for auxiliary contacts2x (0,5 4 mm²)- 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)- finely stranded with core end processing2x (0.5 2.5 mm²)- finely stranded with core end processing2x (0.5 2.5 mm²)- finely stranded without core end processing2x (0.5 2.5 mm²)• for AWG cables for auxiliary contacts2x (20 12)AWG number as coded connectable conductor cross<br>section20 12• for main contacts20 12• for auxiliary contacts20 12   | stranded  | 0.5 4 mm²   |
| connectable conductor cross-section for auxiliary contacts       0.5 4 mm²         • solid or stranded       0.5 2.5 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • finely stranded without core end processing       0.5 2.5 mm²         type of connectable conductor cross-sections       0.5 2.5 mm²         • 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 4 mm²)         - finely stranded with core end processing       2x (0,5 2.5 mm²)         - finely stranded with core end processing       2x (0,5 2.5 mm²)         - finely stranded without core end processing       2x (20 12)         AWG number as coded connectable conductor cross section       2x (20 12)         AWG number as coded connectable conductor cross section       20 12         • for auxiliary contacts       20 12         section       20 12   | <ul> <li>finely stranded with core end processing</li> </ul>    | 0.5 2.5 mm <sup>2</sup>   |
| • solid or stranded0.5 4 mm²• finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²type 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)- finely stranded with core end processing2x (0,5 2.5 mm²)- finely stranded without core end processing2x (0,5 2.5 mm²)- finely stranded without core end processing2x (0,5 2.5 mm²)- finely stranded without core end processing2x (0,5 2.5 mm²)- finely stranded without core end processing2x (0,5 2.5 mm²)- for AWG cables for auxiliary contacts20 12)AWG number as coded connectable conductor cross<br>section20 12. for auxiliary contacts20 12. of or auxiliary contacts20 12   | <ul> <li>finely stranded without core end processing</li> </ul> | 0.5 2.5 mm <sup>2</sup>   |
| • finely stranded with core end processing0.5 2.5 mm²• finely stranded without core end processing0.5 2.5 mm²type of connectable conductor cross-sections•• for auxiliary contacts2x (0,5 4 mm²)- 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)- finely stranded without core end processing2x (0,5 2.5 mm²)- finely stranded without core end processing2x (20 12)• for AWG cables for auxiliary contacts20 12• for main contacts20 12• for auxiliary contacts20 12  | connectable conductor cross-section for auxiliary contacts      |   |
| finely stranded without core end processing     type of connectable conductor cross-sections         for auxiliary contacts             - solid or stranded             - solid or stranded             - finely stranded with core end processing             - finely stranded without core end processing | solid or stranded   | 0.5 4 mm²   |
| finely stranded without core end processing     type of connectable conductor cross-sections         for auxiliary contacts             - solid or stranded             - solid or stranded             - finely stranded with core end processing             - finely stranded without core end processing | <ul> <li>finely stranded with core end processing</li> </ul>    |   |
| 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)         • for AWG cables for auxiliary contacts       2x (20 12)         AWG number as coded connectable conductor cross section       20 12         • for main contacts       20 12         Safety related data       20 12   |   | 0.5 2.5 mm²   |
| <ul> <li>for auxiliary contacts         <ul> <li>solid or stranded</li> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables for auxiliary contacts</li> <li>for AWG cables for auxiliary contacts</li> <li>for main contacts</li> <li>for auxiliary contacts</li> <li>20 12</li> </ul> </li> </ul>  |   |   |
| finely stranded with core end processing     2x (0.5 2.5 mm²)       finely stranded without core end processing     2x (0.5 2.5 mm²)       finely stranded without core end processing     2x (20 12)       AWG number as coded connectable conductor cross     2x (20 12)       AWG number as coded connectable conductor cross     20 12       • for main contacts     20 12       • for auxiliary contacts     20 12  | <ul> <li>for auxiliary contacts</li> </ul>                      |   |
| finely stranded without core end processing       2x (0.5 2.5 mm²)         • for AWG cables for auxiliary contacts       2x (20 12)         AWG number as coded connectable conductor cross section       20 12         • for main contacts       20 12         • for auxiliary contacts       20 12         • for auxiliary contacts       20 12  | — solid or stranded   | 2x (0,5 4 mm²)  |
| finely stranded without core end processing       2x (0.5 2.5 mm²)         • for AWG cables for auxiliary contacts       2x (20 12)         AWG number as coded connectable conductor cross section       20 12         • for main contacts       20 12         • for auxiliary contacts       20 12         • for auxiliary contacts       20 12  | <ul> <li>— finely stranded with core end processing</li> </ul>  | 2x (0.5 2.5 mm²)  |
| for AWG cables for auxiliary contacts     2x (20 12)  AWG number as coded connectable conductor cross section     for main contacts     for auxiliary contacts     20 12     20 12  Safety related data  | - finely stranded without core end processing                   | 2x (0.5 2.5 mm²)  |
| AWG number as coded connectable conductor cross section       20 12         • for main contacts       20 12         • for auxiliary contacts       20 12         Safety related data       20 12   |   |   |
| for main contacts 20 12     for auxiliary contacts 20 12 Safety related data   | •   |   |
| for auxiliary contacts     20 12 Safety related data   | section   |   |
| Safety related data  | <ul> <li>for main contacts</li> </ul>                           | 20 12   |
|  | -   | 20 12   |
| product function   | Safety related data   |   |
|  | product function  |   |

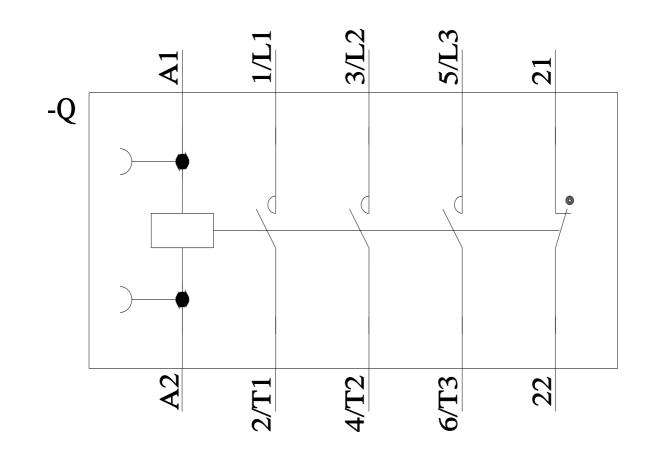
| <ul> <li>mirror contact a</li> </ul>  |  | Yes  |  |   |   |
|---|--|--|--|---|---|
| suitability for use sofe  | ety-related switching OFF  | Yes  |  |   |   |
|   | lemand rate according to SN  |  | 00 000   |   |   |
|   |  | 101320 100   |  |   |   |
| proportion of dange   |  | 20 40.0  | 1  |   |   |
|   | nd rate according to SN 319  |  |  |   |   |
|   | and rate according to SN 319   |  |  |   |   |
|   | low demand rate according  |  |  |   |   |
| 61508   | t interval or service life acco  | <u> </u>   | 3  |   |   |
| protection class IP of  | on the front according to I  |  |  |   |   |
| •   | the front according to IEC   | 60529 finge  | er-safe, for vertical contact  | from the front                          |   |
| ertificates/ approval   | S  |  |  |   |   |
| General Product Ap  | oproval  |  |  |   |   |
|   | <u>Confirmation</u>  | CCC  | (ŲL)<br>u  | KC                                      | EAC                                       |
| EMC   | Functional<br>Safety/Safety of Ma-<br>chinery  | Declaration of Confo   | ormity   | Test Certificates                       |   |
| RCM   | Type Examination Cer-<br>tificate  | CE<br>EG-Konf.   | UK<br>CA   | Type Test Certific-<br>ates/Test Report | <u>Special Test Certifi</u><br><u>ate</u> |
| Marine / Shipping   |  |  |  |   |   |
| ABS   | BUREAU<br>VERITAS  |  | Llovd's<br>Register<br>urs   | PRS                                     | RINA                                      |
| Marine / Shipping   | other  |  | Railway  | Environment                             |   |
|   | Confirmation   | <b>NE</b>  | Vibration and Shock  | Environmental Con-<br>firmations        |   |
| RMRS  |  | VDE  |  |   |   |
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