## SIEMENS

## Data sheet

## 3RT1064-6AF36



power contactor, AC-3 225 A, 110 kW / 400 V AC (50-60 Hz) / DC operation 110-127 V AC/DC auxiliary contacts 2 NO + 2 NC 3-pole, frame size S10 busbar connections drive: conventional screw terminal

| product brand name  | SIRIUS                     |
|---|----------------------------|
| product designation   | Power contactor            |
| product type designation  | 3RT1                       |
| General technical data  |                            |
| size of contactor   | S10                        |
| product extension   |                            |
| <ul> <li>function module for communication</li> </ul>   | No                         |
| <ul> <li>auxiliary switch</li> </ul>  | Yes                        |
| power loss [W] for rated value of the current   |                            |
| <ul> <li>at AC in hot operating state</li> </ul>  | 51 W                       |
| <ul> <li>at AC in hot operating state per pole</li> </ul>   | 17 W                       |
| <ul> <li>without load current share typical</li> </ul>  | 7.4 W                      |
| insulation voltage  |                            |
| <ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>                                  | 1 000 V                    |
| <ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>                             | 500 V                      |
| surge voltage resistance  |                            |
| <ul> <li>of main circuit rated value</li> </ul>   | 8 kV                       |
| of auxiliary circuit rated value  | 6 kV                       |
| maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1       | 690 V                      |
| shock resistance at rectangular impulse   |                            |
| • at AC   | 8,5g / 5 ms, 4,2g / 10 ms  |
| • at DC   | 8,5g / 5 ms, 4,2g / 10 ms  |
| shock resistance with sine pulse  |                            |
| ● at AC   | 13,4g / 5 ms, 6,5g / 10 ms |
| ● at DC   | 13,4g / 5 ms, 6,5g / 10 ms |
| mechanical service life (switching cycles)  |                            |
| <ul> <li>of contactor typical</li> </ul>  | 10 000 000                 |
| <ul> <li>of the contactor with added electronically optimized<br/>auxiliary switch block typical</li> </ul> | 5 000 000                  |
| <ul> <li>of the contactor with added auxiliary switch block<br/>typical</li> </ul>                          | 10 000 000                 |
| reference code according to IEC 81346-2   | Q                          |
| Substance Prohibitance (Date)   | 05/01/2012                 |
| Ambient conditions  |                            |
| installation altitude at height above sea level maximum   | 2 000 m                    |
| ambient temperature   |                            |
| during operation  | -25 +60 °C                 |
| <ul> <li>during storage</li> </ul>  | -55 +80 °C                 |

| relative humidity minimum   | 10 %          |
|---|---------------|
| relative humidity at 55 °C according to IEC 60068-2-30  | 95 %          |
| maximum   |               |
| Main circuit  | 0             |
| number of poles for main current circuit  | 3             |
| number of NO contacts for main contacts   | 3             |
| <ul> <li>operating voltage</li> <li>at AC-3 rated value maximum</li> </ul>  | 1 000 V       |
| <ul> <li>at AC-3 rated value maximum</li> <li>at AC-3e rated value maximum</li> </ul>   | 1 000 V       |
| operational current   |               |
| • at AC-1 at 400 V at ambient temperature 40 °C   | 275 A         |
| rated value   |               |
| ● at AC-1   |               |
| — up to 690 V at ambient temperature 40 °C rated value  | 275 A         |
| — up to 690 V at ambient temperature 60 °C rated value  | 250 A         |
| — up to 1000 V at ambient temperature 40 °C rated value   | 100 A         |
| — up to 1000 V at ambient temperature 60 °C rated value   | 100 A         |
| • at AC-3   |               |
| — at 400 V rated value  | 225 A         |
| — at 500 V rated value  | 225 A         |
| — at 690 V rated value  | 225 A         |
| — at 1000 V rated value   | 68 A          |
| • at AC-3e  | 20E A         |
| — at 400 V rated value  | 225 A         |
| - at 500 V rated value  | 225 A<br>68 A |
| <ul> <li>— at 1000 V rated value</li> <li>at AC-4 at 400 V rated value</li> </ul>   | 195 A         |
|   | 242 A         |
| <ul> <li>at AC-5a up to 690 V rated value</li> <li>at AC-5b up to 400 V rated value</li> </ul>                                      | 186 A         |
| • at AC-6a  |               |
| — up to 230 V for current peak value n=20 rated value   | 225 A         |
| — up to 400 V for current peak value n=20 rated value   | 225 A         |
| — up to 500 V for current peak value n=20 rated value   | 225 A         |
| <ul> <li>— up to 690 V for current peak value n=20 rated value</li> <li>— up to 1000 V for current peak value n=20 rated</li> </ul> | 225 A<br>68 A |
| <ul> <li>at AC-6a</li> </ul>  | 00 A          |
| <ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul>   | 172 A         |
| — up to 400 V for current peak value n=30 rated value   | 172 A         |
| — up to 500 V for current peak value n=30 rated value   | 172 A         |
| <ul> <li>— up to 690 V for current peak value n=30 rated value</li> </ul>   | 172 A         |
| <ul> <li>— up to 1000 V for current peak value n=30 rated value</li> </ul>  | 68 A          |
| minimum cross-section in main circuit at maximum AC-1 rated value   | 150 mm²       |
| operational current for approx. 200000 operating cycles at AC-4   |               |
| • at 400 V rated value  | 96 A          |
| • at 690 V rated value  | 85 A          |
| operational current   |               |
| • at 1 current path at DC-1   | 200.4         |
| — at 24 V rated value   | 200 A         |

| — at 110 V rated value  | 18 A       |
|---|------------|
| — at 220 V rated value  | 3.4 A      |
| — at 440 V rated value  | 0.8 A      |
| — at 600 V rated value  | 0.5 A      |
| <ul> <li>with 2 current paths in series at DC-1</li> </ul>              |            |
| — at 24 V rated value   | 200 A      |
| — at 110 V rated value  | 200 A      |
| — at 220 V rated value  | 20 A       |
| — at 440 V rated value  | 3.2 A      |
| — at 600 V rated value  | 1.6 A      |
| <ul> <li>with 3 current paths in series at DC-1</li> </ul>              |            |
| — at 24 V rated value   | 200 A      |
| — at 110 V rated value  | 200 A      |
| — at 220 V rated value  | 200 A      |
| — at 440 V rated value  | 11 A       |
| — at 600 V rated value  | 4 A        |
| <ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>                   |            |
| — at 24 V rated value   | 200 A      |
| — at 110 V rated value  | 2.5 A      |
| — at 220 V rated value  | 0.6 A      |
| — at 440 V rated value  | 0.17 A     |
| — at 600 V rated value  | 0.12 A     |
| <ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>      |            |
| - at 24 V rated value   | 200 A      |
| — at 110 V rated value  | 200 A      |
| — at 220 V rated value  | 2.5 A      |
| — at 440 V rated value  | 0.65 A     |
|   |            |
| — at 600 V rated value  | 0.37 A     |
| with 3 current paths in series at DC-3 at DC-5     at 24 V stad value   | 200.4      |
| — at 24 V rated value   | 200 A      |
| — at 110 V rated value  | 200 A      |
| — at 220 V rated value  | 200 A      |
| — at 440 V rated value  | 1.4 A      |
| — at 600 V rated value  | 0.75 A     |
| operating power   |            |
| • at AC-3   |            |
| — at 230 V rated value  | 55 kW      |
| — at 400 V rated value  | 110 kW     |
| — at 500 V rated value  | 160 kW     |
| — at 690 V rated value  | 200 kW     |
| — at 1000 V rated value   | 90 kW      |
| • at AC-3e  |            |
| — at 230 V rated value  | 55 kW      |
| — at 400 V rated value  | 110 kW     |
| — at 500 V rated value  | 160 kW     |
| — at 1000 V rated value   | 90 kW      |
| operating power for approx. 200000 operating cycles                     |            |
| at AC-4   |            |
| at 400 V rated value  | 54 kW      |
| at 690 V rated value  | 82 kW      |
| operating apparent power at AC-6a                                       |            |
| • up to 230 V for current peak value n=20 rated value                   | 90 000 kVA |
| <ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul> | 150 000 VA |
| <ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul> | 190 000 VA |
| <ul> <li>up to 690 V for current peak value n=20 rated value</li> </ul> | 260 000 VA |
| <ul> <li>up to 1000 V for current peak value n=20 rated</li> </ul>      | 110 000 VA |
|   |            |
| operating apparent power at AC-6a                                       |            |
| • up to 230 V for current peak value n=30 rated value                   | 60 000 VA  |
| • up to 400 V for current peak value n=30 rated value                   | 110 000 VA |
| <ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul> | 140 000 VA |

| <ul> <li>up to 690 V for current peak value n=30 rated value</li> </ul>        | 200 000 VA  |  |  |
|--|---|--|--|
| <ul> <li>up to 1000 V for current peak value n=30 rated</li> </ul>             | 110 000 VA  |  |  |
| value  | -   |  |  |
| short-time withstand current in cold operating state up to 40 °C               |   |  |  |
| •  | 4 000 A: Use minimum gross section ass to AC 1 reted value  |  |  |
| Imited to 1 s switching at zero current maximum                                | 4 000 A; Use minimum cross-section acc. to AC-1 rated value |  |  |
| Imited to 5 s switching at zero current maximum                                | 2 807 A; Use minimum cross-section acc. to AC-1 rated value |  |  |
| <ul> <li>limited to 10 s switching at zero current maximum</li> </ul>          | 2 082 A; Use minimum cross-section acc. to AC-1 rated value |  |  |
| Imited to 30 s switching at zero current maximum                               | 1 397 A; Use minimum cross-section acc. to AC-1 rated value |  |  |
| Imited to 60 s switching at zero current maximum                               | 1 144 A; Use minimum cross-section acc. to AC-1 rated value |  |  |
| no-load switching frequency  |   |  |  |
| • at AC  | 2 000 1/h   |  |  |
| • at DC  | 2 000 1/h   |  |  |
| operating frequency  |   |  |  |
| <ul> <li>at AC-1 maximum</li> </ul>  | 750 1/h   |  |  |
| <ul> <li>at AC-2 maximum</li> </ul>  | 250 1/h   |  |  |
| <ul> <li>at AC-3 maximum</li> </ul>  | 500 1/h   |  |  |
| <ul> <li>at AC-3e maximum</li> </ul>   | 500 1/h   |  |  |
| • at AC-4 maximum  | 130 1/h   |  |  |
| Control circuit/ Control   |   |  |  |
| type of voltage of the control supply voltage                                  | AC/DC   |  |  |
| control supply voltage at AC   |   |  |  |
| • at 50 Hz rated value   | 110 127 V   |  |  |
| • at 60 Hz rated value   | 110 127 V   |  |  |
| control supply voltage at DC   |   |  |  |
| <ul> <li>rated value</li> </ul>  | 110 127 V   |  |  |
| operating range factor control supply voltage rated value of magnet coil at DC |   |  |  |
| initial value  | 0.8   |  |  |
| • full-scale value   | 1.1   |  |  |
| operating range factor control supply voltage rated value of magnet coil at AC |   |  |  |
| • at 50 Hz   | 0.8 1.1   |  |  |
| • at 60 Hz   | 0.8 1.1   |  |  |
| design of the surge suppressor   | with varistor   |  |  |
| apparent pick-up power of magnet coil at AC                                    |   |  |  |
| • at 50 Hz   | 590 VA  |  |  |
| • at 60 Hz   | 590 VA  |  |  |
| inductive power factor with closing power of the coil                          |   |  |  |
| • at 50 Hz   | 0.9   |  |  |
| • at 60 Hz   | 0.9   |  |  |
| apparent holding power of magnet coil at AC                                    |   |  |  |
| • at 50 Hz   | 6.7 VA  |  |  |
| • at 60 Hz   | 6.7 VA  |  |  |
| inductive power factor with the holding power of the coil                      |   |  |  |
| • at 50 Hz   | 0.9   |  |  |
| • at 60 Hz   | 0.9   |  |  |
| closing power of magnet coil at DC   | 650 W   |  |  |
| holding power of magnet coil at DC   | 7.4 W   |  |  |
| closing delay  |   |  |  |
| • at AC  | 30 95 ms  |  |  |
| • at DC  | 30 95 ms  |  |  |
| opening delay  |   |  |  |
| • at AC  | 40 80 ms  |  |  |
| • at DC  | 40 80 ms  |  |  |
| arcing time  | 10 15 ms  |  |  |
| control version of the switch operating mechanism                              | Standard A1 - A2  |  |  |
| Auxiliary circuit  |   |  |  |
| number of NC contacts for auxiliary contacts                                   | 2   |  |  |
| instantaneous contact  |   |  |  |

| number of NO contacts for subiliant contacts  | 2   |  |  |
|---|---|--|--|
| number of NO contacts for auxiliary contacts<br>instantaneous contact                 | 2   |  |  |
| operational current at AC-12 maximum  | 10 A  |  |  |
| operational current at AC-15  |   |  |  |
| at 230 V rated value  | 6 A   |  |  |
| • at 400 V rated value  | 6 A<br>3 A  |  |  |
| at 500 V rated value  | 2 A   |  |  |
| at 690 V rated value  | 2 A<br>1 A  |  |  |
| operational current at DC-12  |   |  |  |
| • at 24 V rated value   | 10 A  |  |  |
| • at 48 V rated value   | 6 A   |  |  |
| at 60 V rated value   | 6 A   |  |  |
| at 110 V rated value  | 3 A   |  |  |
| at 125 V rated value  | 2 A   |  |  |
| at 220 V rated value  | 1A  |  |  |
| at 220 V rated value     at 600 V rated value   | 0.15 A  |  |  |
| operational current at DC-13  | 0.15 A  |  |  |
| at 24 V rated value   | 10.4  |  |  |
| at 24 V rated value     at 48 V rated value   | 10 A<br>2 A   |  |  |
|   |   |  |  |
| • at 60 V rated value   | 2 A   |  |  |
| • at 110 V rated value  | 1A  |  |  |
| at 125 V rated value     at 220 V rated value   | 0.9 A   |  |  |
| at 220 V rated value     at 600 V rated value   | 0.3 A   |  |  |
| at 600 V rated value  | 0.1  A  |  |  |
| contact reliability of auxiliary contacts   | 1 faulty switching per 100 million (17 V, 1 mA)   |  |  |
| UL/CSA ratings  |   |  |  |
| full-load current (FLA) for 3-phase AC motor  |   |  |  |
| • at 480 V rated value  | 180 A   |  |  |
| at 600 V rated value  | 192 A   |  |  |
| yielded mechanical performance [hp]   |   |  |  |
| <ul> <li>for 3-phase AC motor</li> </ul>  |   |  |  |
| — at 200/208 V rated value  | 60 hp   |  |  |
| — at 220/230 V rated value  | 75 hp   |  |  |
| — at 460/480 V rated value  | 150 hp  |  |  |
| — at 575/600 V rated value  | 200 hp  |  |  |
| contact rating of auxiliary contacts according to UL                                  | A600 / Q600   |  |  |
| Short-circuit protection  |   |  |  |
| design of the fuse link   |   |  |  |
| <ul> <li>for short-circuit protection of the main circuit</li> </ul>                  |   |  |  |
| <ul> <li>— with type of coordination 1 required</li> </ul>                            | gG: 500 A (690 V, 100 kA)   |  |  |
| <ul> <li>— with type of assignment 2 required</li> </ul>                              | gG: 400 A (690 V, 100 kA), aM: 315 A (690 V, 50 kA), BS88: 400 A (415   |  |  |
| <b>,</b> , , , , , , , , , ,  | V, 50 kA)   |  |  |
| <ul> <li>for short-circuit protection of the auxiliary switch<br/>required</li> </ul> | gG: 10 A (500 V, 1 kA)  |  |  |
| Installation/ mounting/ dimensions  |   |  |  |
|   | with vortical mounting outface 1/00° ratatable with vortical mounting   |  |  |
| mounting position   | with vertical mounting surface +/-90° rotatable, with vertical mounting<br>surface +/- 22.5° tiltable to the front and back |  |  |
| fastening method  | screw fixing  |  |  |
| side-by-side mounting   | Yes   |  |  |
| height  | 210 mm  |  |  |
| width   | 145 mm  |  |  |
| depth   | 202 mm  |  |  |
| required spacing  |   |  |  |
| with side-by-side mounting  |   |  |  |
| — forwards  | 20 mm   |  |  |
| — upwards   | 10 mm   |  |  |
| — downwards   | 10 mm   |  |  |
| — at the side   | 0 mm  |  |  |
| for grounded parts  |   |  |  |
| <ul> <li>forwards</li> </ul>  | 20 mm   |  |  |
| — upwards   | 10 mm   |  |  |
| — upwarus   | IV IIIII  |  |  |

| • for live parts       20 mm         • downwards       10 mm         • downwards       10 mm         • the side       10 mm <b>Drone clock of an extreme clock</b> 0 mm         • for auxiliary and control circuit       connection bar         • a magnet cell       Connection bar         • of main current circuit       Screw-type terminals         • of main current circuit       Screw-type terminals         • of magnet cell       25 mm         Mitch cloce conductor cross-section for main       20 mm <sup>2</sup> • ended       11 mm         momer conductor cross-section for main       20 mm <sup>2</sup> • ended       70 240 mm <sup>2</sup> • ended       20 500 kcmil         • ended       20 500 kcmil         • finely stranded with core end processing       20 500 kcm <sup>2</sup> • finely stranded with core end processing       24 (0.5 1.5 mm <sup>3</sup> ) 2x (0.7 5 2.5 mm <sup>3</sup> ) max. 2x (0.7 5 4 mm <sup>3</sup> )         • finely stranded with core end processing       28 (0.5 1.5 mm <sup>3</sup> ) 2x (0.7 5 2.5 mm <sup>3</sup> )         • finely stranded with core end processing       28 (0.5 1.5 mm <sup>3</sup> ) 2x (0.7 5 2.5 mm <sup>3</sup> )   | — at the side  | 10 mm  |  |  |
|---|--|--|--|--|
| - forwards     20 mm       - downwards     10 mm       - a the side     10 mm       - forwards     0 mm       - forwards     11 mm       - forwards     20 500 kcmll       - forwards     0 forwards       - forwards     0 forwards       - forwards     0 forwards       - forwards     0 forwards  | — downwards  | 10 mm  |  |  |
| - upwards       10 mm         - downards       0 mm   | <ul> <li>for live parts</li> </ul>                           |  |  |  |
| - downards<br>- a the side       10 mm         - dressed       10 mm         - dressed       10 mm         Ornections       Connection bar         - is auxiliary and control circuit       connection bar         - is auxiliary and control circuit       connection bar         - is auxiliary and control circuit       connection bar         - is domated of for auxiliary contacts       Screw-type terminals         - is domated of for auxiliary contacts       20  |  |  |  |  |
| at the side     10 mm       Connectional Ferminals       Ypp of electrical connection     Connection bar       at the side     Connection bar  | •  |  |  |  |
| Connections/<br>• for mailiary and control circuit<br>• at contactor for auxiliary contacts<br>• of magnet coll<br>• of auxiliary contects<br>• at AWG cables for auxiliary contects<br>• at AWG cables for auxiliary contects<br>• at AWG cables for auxiliary contects<br>• at at WG cables for auxiliary contects<br>• at at WG cables for auxiliary contects<br>• at at WG cables for auxiliary contects  |  |  |  |  |
| type of electrical connection <ul> <li>for main current dirout</li> <li>et at contactor for auxiliary contacts</li> <li>of magnet coll</li> <li>Screw-type terminals</li> <li>Screw-type terminals</li></ul>  |  | 10 mm  |  |  |
| • for main current circuit             • for auxiliary and control circuit             • for auxiliary contacts             • of magnet coli             • of colid             • of conscetable conductor cross-sections             • of ouxiliary contacts             • of ouxiliary contacts             • of ouxiliary contacts             • of ouxiliary contacts             • olid             • olid connectable conductor cross-sections             • olid auxiliary contacts             • oliauxiliary contacts             • alavy  | Connections/ Terminals                                       |  |  |  |
| • for auxiliary and control circuit     screw-type terminals       • at contactor for auxiliary contacts     Screw-type terminals       • of mageric coli     Screw-type terminals       witch of connection bar     6 mm       diameter of holes     11       number of holes     11       vide of the source trans-sections     1       • at AWG cables for main contacts     20 500 komil       connectable conductor cross-section for main     70 240 mm <sup>-2</sup> connectable conductor cross-section for auxillary     0.5 4 mm <sup>-1</sup> connectable conductor cross-section for auxillary     0.5 4 mm <sup>-1</sup> connectable conductor cross-sections     0.5 4 mm <sup>-1</sup> • standed     0.5 4 mm <sup>-1</sup> • finely standed with core end processing     0.5 4 mm <sup>-1</sup> • or auxiliary contacts     2x (0.5 1.5 mm <sup>-1</sup> ), 2x (0.75 2.5 mm <sup>-1</sup> ), max, 2x (0.75 4 mm <sup>-1</sup> )       • or auxiliary contacts     2x (0.5 1.5 mm <sup>-1</sup> ), 2x (0.75 2.5 mm <sup>-1</sup> ), max, 2x (0.75 4 mm <sup>-1</sup> )       • or auxiliary contacts     18 14       Staty related data     19 14       Product function     100 0000       Product function     100 000       Product function     1000 000       Product function     1000 000       Product function     1000 000       Product function     1000 000 </td <td></td> <td></td>  |  |  |  |  |
| • at contactor for auxiliary contacts       Screw-type terminals         • of magnet coil       Screw-type terminals         witch of connection bar       6 mm         diameter of holes       11 mm         number of holes       11 mm         connectable conductor cross-sections       20 500 kcmil         connectable conductor cross-section for main contacts       20 500 kcmil         connectable conductor cross-section for auxiliary contacts       0.5 4 mm²         • standed       0.5 4 mm²         finally stranded with core end processing       0.5 4 mm²         • solid or stranded       0.5 4 mm²         • solid or stranded       0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         • or auxiliary contacts       18 14         Staty rolated data       190 value with high demand rate according to EC 60947- 51         B10 value with high demand rate according to EC 60927- 51       1000 000         B10 value with high demand rate according to EC 60929- 51       10000 000         B10 value with high deman   |  |  |  |  |
| • of magnet coll     Screw-type terminals       width of connection bar     25 mm       diameter of holes     11 mm       number of holes     1       type of connectable conductor cross-sections     1       e at AWG cables for main contacts     20 500 kcmil       connectable conductor cross-section for main contacts     20 500 kcmil       connectable conductor cross-section for auxiliary contacts     70 240 mm <sup>2</sup> connectable conductor cross-sections     0.5 4 mm <sup>2</sup> e slid of stranded     0.5 4 mm <sup>2</sup> for auxiliary contacts     2x (0.5 15 mm <sup>3</sup> ), 2x (0.75 25 mm <sup>3</sup> ), max, 2x (0.75 4 mm <sup>3</sup> )       e solid     2x (0.5 15 mm <sup>3</sup> ), 2x (0.75 25 mm <sup>3</sup> ), max, 2x (0.75 4 mm <sup>3</sup> )       e at AWG cables for auxiliary contacts     2x (0.5 15 mm <sup>3</sup> ), 2x (0.75 25 mm <sup>3</sup> ), max, 2x (0.75 4 mm <sup>3</sup> )       e at AWG cables for auxiliary contacts     18 14       Safety related data     18 14       Product function     18 14       Safety related switching OFF     Yes       e safety-related switching OFF     Yes       Co   |  |  |  |  |
| width of connection bar       25 mm         thickness of connection bar       6 mm         diameter of holes       1 1 mm         number of holes       1         vipp of connectable conductor cross-sections       at AWG cables for main contacts         • sitanded       70 240 mm²         connectable conductor cross-section for auxiliary contacts       0.5 4 mm²         • sitanded       70 240 mm²         connectable conductor cross-sections       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         * of auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid       - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       18 14         Safety related adat       70 240 mm²         product function       18 14         Safety related according to IEC 60947-4.1       Yes         • for auxiliary contacts       18 14         Safety related suitching OFF       Yes         • safety-related suicholing   | -  |  |  |  |
| thickness of connection bar     6 mm       diameter of holes     11 mm       number of holes     11 mm       type of connectable conductor cross-section for main<br>contacts     20 500 kcmil       • at AWG cables for main contacts     20 500 kcmil       connectable conductor cross-section for auxiliary<br>contacts     0.5 4 mm <sup>2</sup> • solid or stranded     0.5 4 mm <sup>2</sup> • solid or stranded     0.5 2.5 mm <sup>2</sup> • solid or stranded     0.5 2.5 mm <sup>2</sup> - solid     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )       - solid or stranded     0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )       - solid     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )       - solid or stranded     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )       - solid or stranded     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )       - solid or stranded     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )       - solid or stranded     18 14       Safety related data     18 14       Product function     1000 000       - mirror contact according to IEC 60947- 4.1     Yes       - Solively driven operation according to IEC 609529     1000 000       IPtoction class IP on the front according to IEC 60529     Inger-safe, for vertical contact from the front with box   |  |  |  |  |
| diameter of holes       11 mm         number of holes       1         number of holes       1         type of connectable conductor cross-section for main contacts       20 500 kcmil         connectable conductor cross-section for auxiliary contacts       20 500 kcmil         e stranded       70 240 mm²         connectable conductor cross-section for auxiliary contacts       0.5 4 mm²         e solid or stranded       0.5 4 mm²         - solid or stranded       0.5 15 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 15 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 15 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 15 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 15 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - finely stranded with core end processing       2x (0.5 15 mm²), 2x (0.75 2.5 mm²)         - for auxiliary contacts       18 14         Safety related data       1000 000         product function       18 14         • neiror contact according to IEC 60529       1000 000         protection class IP on the front according to IEC 60529       1000 000         safe  |  |  |  |  |
| number of holes     1       type of connectable conductor cross-sections     20 500 kcmil       connectable conductor cross-section for main<br>contacts     20 500 kcmil       e stranded     70 240 mm <sup>3</sup> connectable conductor cross-section for auxiliary<br>contacts     0.5 4 mm <sup>3</sup> e stranded     0.5 4 mm <sup>3</sup> finely stranded with core end processing     0.5 2.5 mm <sup>3</sup> , 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )       e solid or stranded     0.5 1.5 mm <sup>3</sup> , 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )       e solid or stranded     2x (0.5 1.5 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )       e solid or stranded     2x (0.5 1.5 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )       e or auxiliary contacts     2x (0.5 1.5 mm <sup>3</sup> ), 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )       AWG number as coded connectable conductor cross<br>section     1       o rawlidary contacts     18 14       Safety related data     1       product function     10 leC 609475 1       e nor contact according to IEC 609475 1     No       5.1     B10 value with high demand rate according to IEC 60529       subility for use     safety-related switching OFF       costituely driven operation according to IEC 60529       subility for use     cc       enarceral Product Approval       Confirmation  |  |  |  |  |
| type of connectable conductor cross-sections       20 500 kcmil         e standed       70 240 mm²         connectable conductor cross-section for main contacts       70 240 mm²         e stranded       70 240 mm²         connectable conductor cross-sections       0.5 4 mm²         e finely stranded with core end processing       0.5 4 mm²         e solid or stranded       0.5 4 mm²         - solid - finely stranded with core end processing       0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - finely stranded with core end processing       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - finely stranded with core end processing       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross       18 14         Safety related data       1000 000         product function       1000 000         indicates porticition class IP on the front according to IEC 60529         suitability for use       • safety-related switching   |  | -  |  |  |
| • at AWG cables for main contacts     20 500 kcmil       connectable conductor cross-section for auxiliary<br>contacts     70 240 mm <sup>2</sup> • sind of stranded     0.5 4 mm <sup>2</sup> • solid or stranded     0.5 4 mm <sup>2</sup> • finely stranded with core and processing     0.5 2.5 mm <sup>2</sup> • for auxiliary contacts     - solid       - solid or stranded     0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )       - finely stranded with core and processing     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )       - solid or stranded     - finely stranded with core and processing     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> ), max. 2x (0.75 4 mm <sup>2</sup> )       - finely stranded with core and processing     - solid or stranded     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )       - finely stranded with core and processing     - finely stranded with core and processing     2x (0.5 1.5 mm <sup>2</sup> ), 2x (0.75 2.5 mm <sup>2</sup> )       - ouxiliary contacts     - 100 00 00     2x (20 10), 2x (18 14), 1x 12       Safety related data     - 100 000     1000 00       product function     - imor contact according to IEC 60947-4.1     Yes       - Solid     - solid - solid corrding to IEC 60947-5.1     1000 000       - B10 value with high demand rate according to IEC 60947-5.1     1000 000       - Ibouch protection on the front according to IEC 60529     Inoger-safe, for vertical   |  | 1  |  |  |
| connectable conductor cross-section for main contacts       70 240 mm <sup>2</sup> e standed       70 240 mm <sup>2</sup> connectable conductor cross-section for auxiliary contacts       0.5 4 mm <sup>2</sup> e solid or stranded       0.5 2.5 mm <sup>3</sup> e finely stranded with core end processing       0.5 2.5 mm <sup>3</sup> e for auxiliary contacts       - solid         - solid or stranded       0.5 1.5 mm <sup>3</sup> , 2x (0.75 2.5 mm <sup>3</sup> ), max. 2x (0.75 4 mm <sup>3</sup> )         - solid or stranded       - solid or stranded         - nintor contact according to IEC 60947-4-1       Yes         socitively driven operation according to IEC 60947-5       No         - B10 value with high demand rate according to IEC 60947.       No         socitively related switching OFF       Yes  |  | 2/0 = 500 komil  |  |  |
| contacts       70 240 mm²         connectable conductor cross-section for auxiliary<br>contacts       0.5 4 mm²         a solid or stranded       0.5 2.5 mm²         for auxiliary contacts       0.5 2.5 mm²         a solid or stranded       0.5 2.5 mm²         a solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         a solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         a solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         a stawid cables for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         a stawid cables for auxiliary contacts       18 14         Safety related data       70 20000         product function       18 14         Safety related data       1000 000         product function       1000 000         initror contact according to IEC 60947-4-1       Yes         solid or stranded owitching OFF       Yes         e safety-related switching OFF       Yes         solid sympowals       Confirmation         inger-safe, for vertical contact from the front with box terminal/cover         sitely-related switching OFF       Yes         Centificates/ approvals       Confirmation <t< td=""><td></td><td>2/0 300 KGHIII</td></t<>  |  | 2/0 300 KGHIII   |  |  |
| connectable conductor cross-section for auxiliary<br>contacts       0.5 4 mm²         • solid or stranded       0.5 4 mm²         • finely stranded with core end processing       0.5 2.5 mm²         • for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or stranded       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         - solid or auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         AWG cables for auxiliary contacts       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)         AWG rumber as coded connectable conductor cross<br>section       1.5 mm²), 2x (0.75 2.5 mm²)         • for auxiliary contacts       18 14         Safety related data       18 14         Safety related data       1000 000         protection class IP on the front according to IEC 60947-41       Yes         -1       90 value with high demand rate according to IEC 60947-51       Indo 000         B10 value with high demand rate according to IEC 60529       1000 000         suitability for use       • asfety-related switching OFF       Yes         Centificates/ approvals       Confirmation       KC         General Product Approval       C  |  |  |  |  |
| contacts <ul> <li>solid or stranded</li> <li>finely stranded with core end processing</li> <li>for auxiliary contacts</li> <li>solid or stranded</li> <li>solid or stranded</li> <li>solid or stranded</li> <li>a solid or stranded</li> <li>a solid or stranded</li> <li>a finely stranded with core end processing</li> <li>at AWG cables for auxiliary contacts</li> </ul> <ul> <li>AWG number as coded connectable conductor cross section.</li> <li>a tawy contacts</li> <li>at avy contacts</li> <li>broduct function</li> <li>mirror contact according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-4-1</li> <li>positively driven operation according to IEC 60947-                  <ul></ul></li></ul>   |  | 70 240 mm²   |  |  |
| • finely stranded with core end processing     0.5 2.5 mm²       • for auxiliary contacts     - solid       • solid or stranded     - solid or stranded       • finely stranded with core end processing     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)       • at AVVC cables for auxiliary contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)       • at AVVC cables for auxiliary contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)       • at AVVC cables for auxiliary contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       • at AVVC cables for auxiliary contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       • at AVVC cables for auxiliary contacts     2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)       • at AVVC cables for auxiliary contacts     18 14       Safety related data     7       product function     18 14       • positively driven operation according to IEC 60947     1000 000       IPoot protection class IP on the front according to IEC 60529     1000 000       inger-safe, for vertical contact from the front with box terminal/cover       • safety-related switching OFF     Yes       Certificates/ approvals     2x (2 15 mr²)       General Product Approval     Confirmation       EMC     Functional safety/safety of   |  |  |  |  |
| type of connectable conductor cross-sections         • for auxiliary contacts         - solid         - solid or stranded         - finely stranded with core end processing         • at AWG cables for auxiliary contacts         AWG number as coded connectable conductor cross section         • for auxiliary contacts         AWG number as coded connectable conductor cross section         • for auxiliary contacts         AWG number as coded connectable conductor cross section         • for auxiliary contacts         Immove contact according to IEC 60947-4-1         • positively driven operation according to IEC 60947-5-1         B10 value with high demand rate according to IEC 60947-5-1         IB10 value with high demand rate according to IEC 60529         touch protection class IP on the front according to IEC 60529         isately-related switching OFF         Yes         Contificates/ approvals         General Product Approvals         Confirmation         • safety-related switching OFF         Yes         Confirmation         • safety-related switching OFF         Yes         Confirmation         • ccc         Functional         Safety/Safety of       Declaration of Conformity </td <td>solid or stranded</td> <td>0.5 4 mm²</td>  | solid or stranded  | 0.5 4 mm²  |  |  |
| <ul> <li>for auxiliary contacts         <ul> <li>solid</li> <li>solid or stranded</li> <li>solid or stranded</li> <li>solid or stranded</li> <li>solid or stranded</li> <li>solid contacts</li> </ul> </li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> </ul> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 2.5 mm<sup>3</sup>), max. 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 4 mm<sup>3</sup>)</li> <li>2x (0.5 1.5 mm<sup>3</sup>), 2x (0.75 4 mm<sup>3</sup>)<!--</td--><td><ul> <li>finely stranded with core end processing</li> </ul></td><td>0.5 2.5 mm²</td></li> | <ul> <li>finely stranded with core end processing</li> </ul> | 0.5 2.5 mm²  |  |  |
| solid       2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)         finely stranded with core end processing  | type of connectable conductor cross-sections                 |  |  |  |
|   | <ul> <li>for auxiliary contacts</li> </ul>                   |  |  |  |
| finely stranded with core end processing       2x (0.5 1.5 mm³), 2x (0.75 2.5 mm³)         • at AWG cables for auxiliary contacts       2x (0.5 1.5 mm³), 2x (0.75 2.5 mm³)         AWG number as coded connectable conductor cross section       9 x (0.5 1.6), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross section       18 14), 1x 12         Safety related data       18 14         product function       • mirror contact according to IEC 60947-4-1         • positively driven operation according to EC 60947-5-1       Yes         B10 value with high demand rate according to SN 31920       1 000 000         protection class IP on the front according to IEC 60529       finger-safe, for vertical contact from the front with box terminal/cover         suitability for use       • safety-related switching OFF       Yes         • safety-related switching OFF       Yes         Certificates/ approvals       Confirmation         General Product Approval       KC         EMC       Functional Safety/Safety of         Declaration of Conformity       Test Certificates   | — solid  | 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²), max. 2x (0.75 4 mm²)                |  |  |
| • at AWG cables for auxiliary contacts       2x (20 16), 2x (18 14), 1x 12         AWG number as coded connectable conductor cross<br>section       • for auxiliary contacts       18 14         Safety related data       • product function       • mirror contact according to IEC 60947-4-1       Yes         • positively driven operation according to IEC 60947-<br>5-1       Yes       No         B10 value with high demand rate according to SN 31920       1 000 000       IP00; IP20 with box terminal/cover         g6529       Itouch protection on the front according to IEC 60529       Ip00; IP20 with box terminal/cover         suitability for use<br>• safety-related switching OFF       Yes       Certificates/ approvals         General Product Approval       Confirmation       KC       KC         EMC       Functional<br>Safety/Safety of       Declaration of Conformity       Test Certificates  | — solid or stranded  | 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²), max. 2x (0,75 4 mm²)                |  |  |
| AWG number as coded connectable conductor cross<br>section <ul> <li>for auxiliary contacts</li> <li>for auxiliary contacts</li> <li>an it is in it</li></ul>   | <ul> <li>finely stranded with core end processing</li> </ul> | 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)                                      |  |  |
| section       • for auxiliary contacts       18 14         Safety related data       product function       • mirror contact according to IEC 60947-4-1       Yes         • positively driven operation according to IEC 60947-<br>5-1       Yes       No         B10 value with high demand rate according to SN 31920       1 000 000       Protection class IP on the front according to IEC 60529         fouch protection on the front according to IEC 60529       finger-safe, for vertical contact from the front with box terminal/cover         suitability for use       • safety-related switching OFF       Yes         • safety-related switching OFF       Yes       Confirmation         Certificates/ approvals       Confirmation       KC       Effect         EMC       Functional<br>Safety/Safety of       Declaration of Conformity       Test Certificates  |  | 2x (20 16), 2x (18 14), 1x 12  |  |  |
| Safety related data         product function         • mirror contact according to IEC 60947-4-1         • positively driven operation according to IEC 60947-<br>5-1         B10 value with high demand rate according to SN 31920         protection class IP on the front according to IEC 60529         finger-safe, for vertical contact from the front with box terminal/cover         solid protection on the front according to IEC 60529         suitability for use         • safety-related switching OFF         Yes         Certificates/ approvals         General Product Approval         Image: Second Se  | section  |  |  |  |
| product function     Product function       • mirror contact according to IEC 60947-4-1     Yes       • positively driven operation according to IEC 60947-<br>5-1     No       B10 value with high demand rate according to SN 31920     1 000 000       protection class IP on the front according to IEC 60529     IP00; IP20 with box terminal/cover       60529     touch protection on the front according to IEC 60529       suitability for use     • safety-related switching OFF       • safety-related switching OFF     Yes       Certificates/ approvals       General Product Approval       Confirmation       KC       Functional<br>Safety/Safety of       Declaration of Conformity   | -  | 18 14  |  |  |
| • mirror contact according to IEC 60947-4-1       Yes         • positively driven operation according to IEC 60947-<br>5-1       No         B10 value with high demand rate according to SN 31920       1 000 000         protection class IP on the front according to IEC 60529       IP00; IP20 with box terminal/cover         60529       finger-safe, for vertical contact from the front with box terminal/cover         suitability for use<br>• safety-related switching OFF       Yes         Certificates/ approvals       Yes         General Product Approval       Confirmation         EMC       Functional<br>Safety/Safety of       Declaration of Conformity  |  |  |  |  |
|   | •  |  |  |  |
| 5-1       1000000         B10 value with high demand rate according to SN 31920       1000000         protection class IP on the front according to IEC 60529       IP00; IP20 with box terminal/cover         suitability for use       • safety-related switching OFF       Yes         Certificates/ approvals       General Product Approval       Yes         EMC       Functional Safety/Safety of       Declaration of Conformity       Yes Certificates   | -  | Yes  |  |  |
| protection class IP on the front according to IEC         IP00; IP20 with box terminal/cover         finger-safe, for vertical contact from the front with box terminal/cover         suitability for use<br>• safety-related switching OFF         Yes       Certificates/ approvals         Centificates/ approvals         General Product Approval         Confirmation         See       Certificates/ approvals         Certificates/ approvals         Centificates/ approvals         Confirmation         See       Confirmation         KC       Functional<br>Safety/Safety of       Declaration of Conformity       Test Certificates   | 5-1  | No   |  |  |
| 60529         touch protection on the front according to IEC 60529         suitability for use         • safety-related switching OFF         Yes         Certificates/ approvals         Confirmation         KC         Confirmation         KC         Functional Safety/Safety of         Declaration of Conformity   |  |  |  |  |
| suitability for use<br>• safety-related switching OFF Yes         Certificates/ approvals       Certificates/ approvals         General Product Approval       Confirmation       KC       Efficient         Efficient       Functional Safety of       Declaration of Conformity       Test Certificates   | 60529  | IP00; IP20 with box terminal/cover                                       |  |  |
|   |  | finger-safe, for vertical contact from the front with box terminal/cover |  |  |
| Certificates/ approvals         General Product Approval       Confirmation       KC       Efficience         EMC       Functional Safety/Safety of       Declaration of Conformity       Test Certificates   | -  |  |  |  |
| General Product Approval         Image: Confirmation of Confirmation of Conformity       KC       Image: Confirmation of Conformity         EMC       Functional Safety/Safety of Declaration of Conformity       Declaration of Conformity       Test Certificates   |  | Yes  |  |  |
| EMC       Functional Safety/Safety of       Declaration of Conformity       Test Certificates   | Certificates/ approvals                                      |  |  |  |
| EMC       Functional<br>Safety/Safety of       Declaration of Conformity       Test Certificates  | General Product Approval                                     |  |  |  |
| EMC Safety/Safety of Declaration of Conformity Test Certificates  | Confirmation<br>CCC  |  |  |  |
|   | EMC Safety/Safety of Declaration of                          | of Conformity Test Certificates  |  |  |

| RCM   | <u>Type Examination</u><br><u>Certificate</u> |                           | CE<br>EG-Konf.      | <u>Type Test Certific-</u><br>ates/Test Report | <u>Special Test Certific-</u><br><u>ate</u> |
|---|---|---------------------------|---------------------|--|---|
| Test Certificates   | Marine / Shipping                             |                           |                     |  |   |
| <u>Miscellaneous</u>  | ABS   | Lloyds<br>Register<br>uis | PRS                 | RMRS RMRS                                      | DIVISIONS AND DIVISION                      |
| other   |   |                           |                     | Railway  |   |
| <u>Miscellaneous</u>  | <u>Confirmation</u>                           | <u>Miscellaneous</u>      | <u>Confirmation</u> | <u>Special Test Certific-</u><br><u>ate</u>    |   |
| Further information   |   |                           |                     |  |   |
| Information- and Downloadcenter (Catalogs, Brochures,)<br>https://www.siemens.com/ic10<br>Industry Mall (Online ordering system)<br>https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1064-6AF36<br>Cax online generator<br>http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1064-6AF36<br>Service&Support (Manuals, Certificates, Characteristics, FAQs,)<br>https://support.industry.siemens.com/cs/ww/en/ps/3RT1064-6AF36<br>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,)<br>http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1064-6AF36⟨=en<br>Characteristic: Tripping characteristics_l*L tettbroub current |   |                           |                     |  |   |

Characteristic: Tripping characteristics, I<sup>2</sup>t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT1064-6AF36/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1064-6AF36&objecttype=14&gridview=view1

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