## SIEMENS

## Data sheet

## 3RT2026-2KG40



power contactor, AC-3 25 A, 11 kW / 400 V 1 NO + 1 NC, 125 V DC with integrated varistor 3-pole, size S0, spring-type terminal suitable for PLC outputs not expandable with auxiliary switch

| product brand name  | SIRIUS                   |
|---|--------------------------|
| product designation   | Coupling contactor       |
| product type designation  | 3RT2                     |
| General technical data  |                          |
| size of contactor   | S0                       |
| product extension   |                          |
| <ul> <li>function module for communication</li> </ul>   | No                       |
| <ul> <li>auxiliary switch</li> </ul>  | No                       |
| power loss [W] for rated value of the current   |                          |
| <ul> <li>at AC in hot operating state</li> </ul>  | 5.7 W                    |
| <ul> <li>at AC in hot operating state per pole</li> </ul>   | 1.9 W                    |
| <ul> <li>without load current share typical</li> </ul>  | 4.5 W                    |
| insulation voltage  |                          |
| <ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>                                  | 690 V                    |
| <ul> <li>of auxiliary circuit with degree of pollution 3 rated value</li> </ul>                             | 690 V                    |
| surge voltage resistance  |                          |
| <ul> <li>of main circuit rated value</li> </ul>   | 6 kV                     |
| <ul> <li>of auxiliary circuit rated value</li> </ul>  | 6 kV                     |
| maximum permissible voltage for safe isolation between<br>coil and main contacts according to EN 60947-1    | 400 V                    |
| shock resistance at rectangular impulse   |                          |
| • at DC   | 10g / 5 ms, 7,5g / 10 ms |
| shock resistance with sine pulse  |                          |
| • at DC   | 15g / 5 ms, 10g / 10 ms  |
| mechanical service life (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 typical</li> </ul>                              | 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   |                          |
| <ul> <li>during operation</li> </ul>  | -25 +60 °C               |
| during storage  | -55 +80 °C               |
| relative humidity minimum   | 10 %                     |
| relative humidity at 55 °C according to IEC 60068-2-30 maximum  | 95 %                     |

| Main circuit   |                    |
|--|--------------------|
| number of poles for main current circuit   | 3                  |
| number of NO contacts for main contacts  | 3                  |
| operating voltage  |                    |
| <ul> <li>at AC-3 rated value maximum</li> </ul>  | 690 V              |
| <ul> <li>at AC-3e rated value maximum</li> </ul>   | 690 V              |
| operational current  |                    |
| <ul> <li>at AC-1 at 400 V at ambient temperature 40 °C<br/>rated value</li> </ul>  | 40 A               |
| • at AC-1  |                    |
| <ul> <li>— up to 690 V at ambient temperature 40 °C rated value</li> </ul>   | 40 A               |
| — up to 690 V at ambient temperature 60 °C rated value   | 35 A               |
| • at AC-3  |                    |
| — at 400 V rated value   | 25 A               |
| — at 500 V rated value   | 18 A               |
| — at 690 V rated value   | 13 A               |
| • at AC-3e   |                    |
| — at 400 V rated value   | 25 A               |
| — at 500 V rated value   | 18 A               |
| — at 690 V rated value   | 13 A               |
| • at AC-4 at 400 V rated value   | 15.5 A             |
| <ul> <li>at AC-5a up to 690 V rated value</li> </ul>   | 35.2 A             |
| • at AC-5b up to 400 V rated value   | 20.7 A             |
| • at AC-6a   |                    |
| <ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul>  | 20.2 A             |
| <ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul>  | 20.2 A             |
| <ul> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>  | 20.2 A             |
| <ul> <li>up to 690 V for current peak value n=20 rated<br/>value</li> </ul>  | 12.9 A             |
| <ul> <li>at AC-6a         <ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul> </li> </ul>            | 13.5 A             |
| — up to 400 V for current peak value n=30 rated value  | 13.5 A             |
| <ul> <li>— up to 500 V for current peak value n=30 rated value</li> </ul>  | 13.5 A             |
| up to 690 V for current peak value n=30 rated value  | 13 A               |
| minimum cross-section in main circuit at maximum AC-1<br>rated value<br>operational current for approx. 200000 operating | 10 mm <sup>2</sup> |
| cycles at AC-4   |                    |
| at 400 V rated value   | 9 A                |
| • at 690 V rated value   | 9 A                |
| operational current  |                    |
| • at 1 current path at DC-1  |                    |
| — at 24 V rated value  | 35 A               |
| — at 110 V rated value   | 4.5 A              |
| — at 220 V rated value   | 1A                 |
| — at 440 V rated value   | 0.4 A              |
| — at 600 V rated value   | 0.25 A             |
| <ul> <li>with 2 current paths in series at DC-1</li> </ul>   |                    |
| - at 24 V rated value  | 35 A               |
| — at 110 V rated value   | 35 A<br>35 A       |
| — at 220 V rated value   | 5 A                |
|  |                    |
| — at 440 V rated value   | 1A                 |
| — at 600 V rated value   | 0.8 A              |
| <ul> <li>with 3 current paths in series at DC-1</li> </ul>   |                    |

|   | — at 24 V rated value   | 35 A  |
|---|---|---|
| - al 440 V radie Value     - al 424 V radie Value     - al 420 V radie | — at 110 V rated value  | 35 A  |
|   | — at 220 V rated value  | 35 A  |
| • + it ourment path at DC-3 at DC-5         20           at 24 V rated value         25 A           at 220 V rated value         0.09 A           at 400 V rated value         0.09 A           at 600 V rated value         0.09 A           at 24 V rated value         0.09 A           at 20 V rated value         0.09 A           at 20 V rated value         35 A           at 24 V rated value         0.09 A   | — at 440 V rated value  | 2.9 A   |
|   | — at 600 V rated value  | 1.4 A   |
|   | <ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>                   |   |
|   | — at 24 V rated value   | 20 A  |
|   | — at 110 V rated value  | 2.5 A   |
|   | — at 220 V rated value  | 1 A   |
| <ul> <li>with 2 current paths in series at DC-3 at DC-5</li> <li>at 24 V rated value</li> <li>35 A</li> <li>at 220 V rated value</li> <li>36 A</li> <li>at 24 V rated value</li> <li>37 A</li> <li>at 24 V rated value</li> <li>36 A</li> <li>at 30 V rated value</li> <li>36 A</li> <li>at 300 V rated value</li> <li>at 300 V rated value</li> <li>11 kW</li> <li>at 400 V rated value</li> <li>12 kVA</li> <li>13 kVA</li> <li>13 kVA</li> <li>14 kVA</li> <li>14 kVA</li> <li>14 kVA</li> <li>15 kVA</li></ul>  | — at 440 V rated value  | 0.09 A  |
|   | — at 600 V rated value  | 0.06 A  |
| - al 110 V rated value     15 Å       - at 220 V rated value     3 Å       - at 440 V rated value     0.16 Å       • with 3 current paths series at DC-3 at DC-5     - at 24 V rated value       - at 24 V rated value     35 Å       - at 24 V rated value     36 Å       - at 24 V rated value     36 Å       - at 24 V rated value     36 Å       - at 20 V rated value     0.6 Å       - at 200 V rated value     0.6 Å       operating power     11 kW       • at AC-2 at 400 V rated value     11 kW       - at 200 V rated value     11 kW       - at 800 V rated value     12 kVA       • up to 800 V for current pack value n=20 rated value     13 kVA       • up to 800 V for current pack value n=20 rated value     15 kVA <td><ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul></td> <td></td>   | <ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>      |   |
|   | — at 24 V rated value   | 35 A  |
| - at 440 V rated value     0.27 A       - at 600 V rated value     0.16 A       - at 24 V rated value     35 A       - at 110 V rated value     35 A       - at 1220 V rated value     10 A       - at 220 V rated value     0.6 A       operating power     0.6 A       • at AC-2 at 400 V rated value     0.6 A       - at 230 V rated value     0.6 A       - at 200 V rated value     11 kW       • at AC-2 at 400 V rated value     11 kW       - at 600 V rated value     12 kVA <tr< td=""><td>— at 110 V rated value</td><td>15 A</td></tr<>   | — at 110 V rated value  | 15 A  |
|   | — at 220 V rated value  | 3 A   |
| <ul> <li>with 3 current paths in series at DC-3 at DC-5         <ul> <li>at 24 V rated value</li> <li>35 A</li> <li>at 10 V rated value</li> <li>35 A</li> <li>at 220 V rated value</li> <li>06 A</li> <li>at 460 V rated value</li> <li>06 A</li> </ul> </li> <li>at 600 V rated value</li> <li>06 A</li> <li>at 600 V rated value</li> <ul> <li>06 A</li> <li>at 600 V rated value</li> <li>06 A</li> </ul> <li>at 600 V rated value</li> <li>06 A</li> <li>at 600 V rated value</li> <li>55 kW</li> <li>at 600 V rated value</li> <li>11 kW</li> <li>at 600 V rated value</li> <li>10 kVA</li> <li>at 600 V rated value</li> <li>10 kVA</li> <li>at 600 V rated value</li> <li>10 kVA</li> <li>at 600 V for current peak value n=20 rated value</li> <li>13 kVA</li> <li>at 600 V for current peak value n=20 rated value</li> <li>13 kVA</li> <li>at 600 V for current peak value n=20 rated value</li> <li>13 kVA</li> <li>at 600 V</li></ul>   | — at 440 V rated value  | 0.27 A  |
|   | — at 600 V rated value  | 0.16 A  |
|   | <ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>      |   |
|   | •   | 35 A  |
|   | — at 110 V rated value  | 35 A  |
|   | — at 220 V rated value  | 10 A  |
| operating power <ul> <li>at AC-2 at 400 V rated value</li> <li>at AC-3</li> <li>at AC value</li> <li>at 400 V rated value</li> <li>th W</li> <li>at 400 V rated value</li> <li>th W</li> </ul> <ul> <li>at 400 V rated value</li> <li>th W</li> </ul> <ul> <li>at 400 V rated value</li> <li>th W</li> <li>at 400 V rated value</li> <li>th W</li> <li>at 400 V rated value</li> <li>th W</li> </ul> <ul> <li>at 400 V rated value</li> <li>th W</li> <lith li="" w<=""> <li>th W</li></lith></ul>  | — at 440 V rated value  |   |
| operating power <ul> <li>at AC-2 at 400 V rated value</li> <li>at AC-3</li> <li>at AC value</li> <li>at 400 V rated value</li> <li>th W</li> <li>at 400 V rated value</li> <li>th W</li> </ul> <ul> <li>at 400 V rated value</li> <li>th W</li> </ul> <ul> <li>at 400 V rated value</li> <li>th W</li> <li>at 400 V rated value</li> <li>th W</li> <li>at 400 V rated value</li> <li>th W</li> </ul> <ul> <li>at 400 V rated value</li> <li>th W</li> <lith li="" w<=""> <li>th W</li></lith></ul>  | — at 600 V rated value  | 0.6 A   |
| <ul> <li>at AC-2 at 400 V rated value</li> <li>at AC-3</li> <li>at AC-3</li> <li>at AC-3</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 600 V rated value</li> <li>at 600 V rated value</li> <li>at 230 V rated value</li> <li>at 600 V rated value</li> <li>at 230 V rated value</li> <li>at 230 V rated value</li> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 600 V for current peak value n=20 rated value</li> <li>at 600 V for current peak value n=20 rated value</li> <li>at 600 V for current peak value n=20 rated value</li> <li>at 600 V for current peak value n=30 rated value</li> <li>at 600 V for current peak value n=30 rated value</li> <li>by to 500 V for current peak value n=30 rated value</li> <li>by to 40° C</li> <li>at 600 V for current peak value n=30 rated value</li> <li>by to 40° C</li> <li>at 600 V for current peak value n=30 rated value</li> <li>by to 40° C</li> <li>at 600 V for current peak value n=30 rated value</li> <li>by to 40° C</li> <li>at 600 V for current peak value n=30 rated value</li> <li>by to 40° C</li> <li>at 600 V for current peak value n=30 rated value</li> <li>by to 40° C</li> <li>at 600 V for current peak value n=30 rated value</li> <li>by to 40° C</li> <li>by to 40° C</li></ul>   | operating power   |   |
| • at AC-3         - at 230 V rated value         5.5 kW           - at 230 V rated value         11 kW           - at 650 V rated value         11 kW           - at 650 V rated value         11 kW           - at 230 V rated value         11 kW           - at 400 V rated value         11 kW           - at 500 V rated value         11 kW           - at 500 V rated value         11 kW           - at 650 V rated value         11 kW           - at 650 V rated value         11 kW           operating power for approx. 200000 operating cycles at AC-4         4.4 kW           • at 600 V rated value         7.7 kW           operating apparent power at AC-6a         8 kVA           • up to 200 V for current peak value n=20 rated value         13.8 kVA           • up to 500 V for current peak value n=30 rated value         5.3 kVA           • up to 500 V for current peak value n=30 rated value         9.3 kVA           • up to 500 V for current peak value n=30 rated value         9.3 kVA           • up to 600 V for current peak value n=30 rated value         11.6 kVA           • up to 600 V for current peak value n=30 rated value <td></td> <td>11 kW</td>   |   | 11 kW   |
|   | ● at AC-3   |   |
|   | — at 230 V rated value  | 5.5 kW  |
|   | — at 400 V rated value  | 11 kW   |
| • at AC-3e         5.5 kW           - at 230 V rated value         11 kW           - at 400 V rated value         11 kW           - at 690 V rated value         11 kW           - at 690 V rated value         11 kW           operating power for approx. 200000 operating cycles at AC-4         4.4 kW           • at 400 V rated value         4.4 kW           • at 400 V rated value         7.7 kW           operating apparent power at AC-6a         8 kVA           • up to 230 V for current peak value n=20 rated value         8 kVA           • up to 500 V for current peak value n=20 rated value         13.9 kVA           • up to 690 V for current peak value n=20 rated value         9.4 kVA           • up to 500 V for current peak value n=30 rated value         5.3 kVA           • up to 500 V for current peak value n=30 rated value         9.3 kVA           • up to 500 V for current peak value n=30 rated value         11.6 kVA           • up to 500 V for current peak value n=30 rated value         15.5 kVA           short-time withstand current in cold operating state up to 40° C         375 A; Use minimum cross-section acc. to AC-1 rated value           • limited to 15 s switching at zero current maximum         375 A; Use minimum cross-section acc. to AC-1 rated value           • limited to 10 s switching at zero current maximum         106 A; Use minimum cross-section   | — at 500 V rated value  | 11 kW   |
| • at AC-3e         - at 230 V rated value         5.5 kW           - at 400 V rated value         11 kW           - at 690 V rated value         11 kW           - at 690 V rated value         11 kW           operating power for approx. 200000 operating cycles at AC-4         4.4 kW           • at 400 V rated value         4.4 kW           • at 400 V rated value         7.7 kW           operating apparent power at AC-6a         8 kVA           • up to 230 V for current peak value n=20 rated value         13.9 kVA           • up to 500 V for current peak value n=20 rated value         14.4 kVA           • up to 500 V for current peak value n=20 rated value         8 kVA           • up to 500 V for current peak value n=20 rated value         15.4 kVA           • up to 690 V for current peak value n=30 rated value         5.3 kVA           • up to 500 V for current peak value n=30 rated value         9.3 kVA           • up to 500 V for current peak value n=30 rated value         11.6 kVA           • up to 690 V for current peak value n=30 rated value         15.5 kVA           short-time withstand current in cold operating state up to 40 °C         375 A; Use minimum cross-section acc. to AC-1 rated value           • limited to 10 s switching at zero current maximum         375 A; Use minimum cross-section acc. to AC-1 rated value           • limited to 10 s switchin   | — at 690 V rated value  | 11 kW   |
|   |   |   |
|   | — at 230 V rated value  | 5.5 kW  |
|   |   |   |
| at 690 V rated value       11 kW         operating power for approx. 200000 operating cycles at AC-4       4.4 kW         • at 400 V rated value       4.4 kW         • at 400 V rated value       7.7 kW         operating apparent power at AC-6a       8 kVA         • up to 230 V for current peak value n=20 rated value       8 kVA         • up to 690 V for current peak value n=20 rated value       11.4 kVA         • up to 690 V for current peak value n=20 rated value       15.4 kVA         operating apparent power at AC-6a       8 kVA         • up to 690 V for current peak value n=30 rated value       15.4 kVA         operating apparent power at AC-6a       5.3 kVA         • up to 400 V for current peak value n=30 rated value       5.3 kVA         • up to 690 V for current peak value n=30 rated value       16.6 kVA         • up to 690 V for current peak value n=30 rated value       11.6 kVA         • up to 690 V for current peak value n=30 rated value       15.5 kVA         short-time withstand current in cold operating state up to 40 °C       375 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       375 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       106 A; Use minimum cross-section acc. to AC-1 rated value         • limited to   |   |   |
| operating power for approx. 200000 operating cycles<br>at AC-44.4 kW• at 400 V rated value4.4 kW• at 600 V rated value7.7 kWoperating apparent power at AC-6a8 kVA• up to 230 V for current peak value n=20 rated value13.9 kVA• up to 500 V for current peak value n=20 rated value17.4 kVA• up to 600 V for current peak value n=20 rated value5.3 kVA• up to 500 V for current peak value n=20 rated value5.3 kVA• up to 600 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value9.3 kVA• up to 600 V for current peak value n=30 rated value11.6 kVA• up to 600 V for current peak value n=30 rated value15.5 kVA• up to 600 V for current peak value n=30 rated value15.5 kVA• up to 600 V for current peak value n=30 rated value10.6 kVA• up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum100 i/h• limited to 60 s switching at zero current maximum1000 1/h  |   |   |
| at AC-4. at 400 V rated value4.4 kW• at 690 V rated value7.7 kWoperating apparent power at AC-6a8 kVA• up to 230 V for current peak value n=20 rated value13.9 kVA• up to 500 V for current peak value n=20 rated value17.4 kVA• up to 690 V for current peak value n=20 rated value15.4 kVA• up to 230 V for current peak value n=20 rated value5.3 kVA• up to 690 V for current peak value n=30 rated value5.3 kVA• up to 500 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value9.3 kVA• up to 690 V for current peak value n=30 rated value11.6 kVA• up to 690 V for current peak value n=30 rated value15.5 kVAshort-time withstand current in cold operating state<br>up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1s switching at zero current maximum<br>• limited to 10 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• lim   |   |   |
| e at 690 V rated value7.7 kWoperating apparent power at AC-6a8 kVA• up to 230 V for current peak value n=20 rated value13.9 kVA• up to 500 V for current peak value n=20 rated value17.4 kVA• up to 690 V for current peak value n=20 rated value15.4 kVA• up to 690 V for current peak value n=20 rated value5.3 kVA• up to 230 V for current peak value n=30 rated value5.3 kVA• up to 200 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value11.6 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value12.5 kVA• limited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum200 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum128 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum128 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum1500 1/h• limited to 60 s switching at zero current maximum1500 1/h   |   |   |
| operating apparent power at AC-6a8 kVA• up to 230 V for current peak value n=20 rated value8 kVA• up to 400 V for current peak value n=20 rated value13.9 kVA• up to 500 V for current peak value n=20 rated value17.4 kVA• up to 690 V for current peak value n=20 rated value15.4 kVA• up to 230 V for current peak value n=30 rated value5.3 kVA• up to 400 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value11.6 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current maximum200 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum200 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum106 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum15.6 v/A• limited to 60 s switching at zero current maximum106 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum15.00 1/h• limited to 60 s switching at zero current maximum100 1/h   | <ul> <li>at 400 V rated value</li> </ul>                                | 4.4 kW  |
| • up to 230 V for current peak value n=20 rated value8 kVA• up to 400 V for current peak value n=20 rated value13.9 kVA• up to 500 V for current peak value n=20 rated value17.4 kVA• up to 690 V for current peak value n=20 rated value15.4 kVA• up to 230 V for current peak value n=30 rated value5.3 kVA• up to 500 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value11.6 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value12.5 kVA• up to 690 V for current peak value n=30 rated value12.5 kVA• up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum200 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum128 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum166 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum160 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum1500 1/h• do CC1 500 1/h  | • at 690 V rated value  | 7.7 kW  |
| <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> <li>up to 690 V for current peak value n=20 rated value</li> <li>to 400 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>to 500 V for current peak value n=30 rated value</li> <li>to 500 V for current peak value n=30 rated value</li> <li>to 500 V for current peak value n=30 rated value</li> <li>to 500 V for current peak value n=30 rated value</li> <li>to 500 V for current peak value n=30 rated value</li> <li>to 40 °C</li> <li>timited to 1 s switching at zero current maximum</li> <li>ilmited to 10 s switching at zero current maximum</li> <li>timited to 10 s switching at zero current maximum</li> <li>timited to 60 s switching at zero current maximum</li> <li>timited to 60 s switching at zero current maximum</li> <li>to 60 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>to 60 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>to 60 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>to 60 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>to 60 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>to 60 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>to 60 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>to 71/h</li> </ul>  | operating apparent power at AC-6a                                       |   |
| <ul> <li>up to 500 V for current peak value n=20 rated value</li> <li>up to 690 V for current peak value n=20 rated value</li> <li>up to 690 V for current peak value n=20 rated value</li> <li>up to 230 V for current peak value n=30 rated value</li> <li>up to 400 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>timited to 1 s switching at zero current maximum</li> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>at DC</li> <li>at DC</li> <li>to 400 1/h</li> </ul>  | <ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul> | 8 kVA   |
| • up to 690 V for current peak value n=20 rated value15.4 kVAoperating apparent power at AC-6a5.3 kVA• up to 230 V for current peak value n=30 rated value5.3 kVA• up to 400 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value11.6 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• limited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum299 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum200 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum106 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at AC-1 maximum1 000 1/h   | <ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul> | 13.9 kVA  |
| operating apparent power at AC-6a• up to 230 V for current peak value n=30 rated value5.3 kVA• up to 400 V for current peak value n=30 rated value9.3 kVA• up to 500 V for current peak value n=30 rated value11.6 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 690 V for current peak value n=30 rated value15.5 kVA• up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum290 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum128 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum16 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum106 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum1 500 1/h• at DC1 500 1/h• at AC-1 maximum1 000 1/h   | <ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul> | 17.4 kVA  |
| <ul> <li>up to 230 V for current peak value n=30 rated value</li> <li>up to 400 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>to 690 V for current peak value n=30 rated value</li> <li>to 690 V for current peak value n=30 rated value</li> <li>to 690 V for current peak value n=30 rated value</li> <li>to 690 V for current peak value n=30 rated value</li> <li>to 690 V for current peak value n=30 rated value</li> <li>to 690 V for current peak value n=30 rated value</li> <li>to 690 V for current peak value n=30 rated value</li> <li>to 690 V for current peak value n=30 rated value</li> <li>to 690 V for current peak value n=30 rated value</li> <li>to 600 °C</li> <li>to 40 °C</li> <li>to 40 °C</li> <li>timited to 1 s switching at zero current maximum</li> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>to 60 c to AC-1 rated value</li> <li>to AC</li></ul>  | • up to 690 V for current peak value n=20 rated value                   | 15.4 kVA  |
| <ul> <li>up to 400 V for current peak value n=30 rated value</li> <li>up to 500 V for current peak value n=30 rated value</li> <li>up to 690 V for current peak value n=30 rated value</li> <li>to 40 °C</li> <li>short-time withstand current in cold operating state<br/>up to 40 °C</li> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>to 60 s switching at zero current maximum</li> <li>to 60 s switching frequency</li> <li>at DC</li> <li>to 20 1/h</li> </ul>  | operating apparent power at AC-6a                                       |   |
| • up to 500 V for current peak value n=30 rated value11.6 kVA• up to 690 V for current peak value n=30 rated value15.5 kVAshort-time withstand current in cold operating state<br>up to 40 °C15.5 kVA• limited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum299 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum200 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum128 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum106 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at DC1 500 1/h• at AC-1 maximum1 000 1/h   | <ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul> | 5.3 kVA   |
| • up to 690 V for current peak value n=30 rated value15.5 kVAshort-time withstand current in cold operating state<br>up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 1 s switching at zero current maximum<br>• limited to 10 s switching at zero current maximum<br>• limited to 30 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• limited to 60 s switching at zero current maximum<br>• 106 A; Use minimum cross-section acc. to AC-1 rated value<br>• 106 A; Use minimum cross-section acc. to AC-1 rated value<br>• 106 A; Use minimum cross-section acc. to AC-1 rated value• at DC1 500 1/h• at DC1 500 1/h• at AC-1 maximum1 000 1/h  | <ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul> | 9.3 kVA   |
| short-time withstand current in cold operating state<br>up to 40 °C375 A; Use minimum cross-section acc. to AC-1 rated value<br>299 A; Use minimum cross-section acc. to AC-1 rated value<br>200 A; Use minimum cross-section acc. to AC-1 rated value<br>200 A; Use minimum cross-section acc. to AC-1 rated value<br>200 A; Use minimum cross-section acc. to AC-1 rated value<br>128 A; Use minimum cross-section acc. to AC-1 rated value<br>106 A; Use minimum cross-section acc. to AC-1 rated value<br>106 A; Use minimum cross-section acc. to AC-1 rated valueno-load switching frequency<br>• at DC1 500 1/hoperating frequency<br>• at AC-1 maximum1 000 1/h   | <ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul> | 11.6 kVA  |
| up to 40 °C• limited to 1 s switching at zero current maximum375 A; Use minimum cross-section acc. to AC-1 rated value• limited to 5 s switching at zero current maximum299 A; Use minimum cross-section acc. to AC-1 rated value• limited to 10 s switching at zero current maximum200 A; Use minimum cross-section acc. to AC-1 rated value• limited to 30 s switching at zero current maximum128 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum106 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching frequency1 500 1/h• at DC1 500 1/h• at AC-1 maximum1 000 1/h   | • up to 690 V for current peak value n=30 rated value                   | 15.5 kVA  |
| <ul> <li>limited to 1 s switching at zero current maximum</li> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching frequency</li> <li>at DC</li> <li>too 1/h</li> </ul>  |   |   |
| <ul> <li>limited to 5 s switching at zero current maximum</li> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching frequency</li> <li>at DC</li> <li>operating frequency</li> <li>at AC-1 maximum</li> <li>limited to 10 s at 200 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching frequency</li> <li>at DC</li> <li>limited to 10 s 10 state</li> <li>limited to 10 s 10 state</li> </ul>   |   |   |
| <ul> <li>limited to 10 s switching at zero current maximum</li> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>128 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>1000 1/h</li> </ul>   | -   |   |
| <ul> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> <li>128 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>106 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>100 1/h</li> </ul>  | -   |   |
| • limited to 60 s switching at zero current maximum       106 A; Use minimum cross-section acc. to AC-1 rated value         no-load switching frequency       • at DC         • at DC       1 500 1/h         operating frequency       • at AC-1 maximum         • at AC-1 maximum       1 000 1/h   | -   |   |
| no-load switching frequency     1 500 1/h       • at DC     1 500 1/h       operating frequency     1 000 1/h   | -   |   |
| • at DC     1 500 1/h       operating frequency     1 000 1/h   | <ul> <li>limited to 60 s switching at zero current maximum</li> </ul>   | 106 A; Use minimum cross-section acc. to AC-1 rated value |
| operating frequency     1 000 1/h   | no-load switching frequency   |   |
| • at AC-1 maximum 1 000 1/h   | ● at DC   | 1 500 1/h   |
|   | operating frequency   |   |
| • at AC-2 maximum 750 1/h   | ● at AC-1 maximum   |   |
|   | • at AC-2 maximum   | 750 1/h   |

| • at AC-3 maximum   | 750 1/h   |  |  |
|---|---|--|--|
| • at AC-3e maximum  | 750 1/h   |  |  |
| • at AC-4 maximum   | 250 1/h   |  |  |
| Control circuit/ Control  |   |  |  |
| type of voltage of the control supply voltage                                     | DC  |  |  |
| control supply voltage at DC  |   |  |  |
| rated value   | 125 V   |  |  |
| operating range factor control supply voltage rated<br>value of magnet coil at DC |   |  |  |
| • initial value   | 0.7   |  |  |
| full-scale value  | 1.25  |  |  |
| design of the surge suppressor  | with varistor                                   |  |  |
| closing power of magnet coil at DC  | 4.5 W   |  |  |
| holding power of magnet coil at DC  | 4.5 W   |  |  |
| closing delay   | T.0 VI  |  |  |
| • at DC   | 52 270 ms                                       |  |  |
| opening delay   | 52 270 m3                                       |  |  |
| • at DC   | 19 21 ms  |  |  |
| arcing time   | 10 10 ms  |  |  |
| control version of the switch operating mechanism                                 | Standard A1 - A2                                |  |  |
| Auxiliary circuit   |   |  |  |
| number of NC contacts for auxiliary contacts                                      | 1   |  |  |
| instantaneous contact   |   |  |  |
| number of NO contacts for auxiliary contacts instantaneous contact                | 1   |  |  |
| operational current at AC-12 maximum  | 10 A  |  |  |
| operational current at AC-15  |   |  |  |
| at 230 V rated value  | 10 A  |  |  |
| <ul> <li>at 400 V rated value</li> </ul>  | 3 A   |  |  |
| <ul> <li>at 500 V rated value</li> </ul>  | 2 A   |  |  |
| • at 690 V rated value  | 1A  |  |  |
| operational current at DC-12  |   |  |  |
| <ul> <li>at 24 V rated value</li> </ul>   | 10 A  |  |  |
| <ul> <li>at 48 V rated value</li> </ul>   | 6 A   |  |  |
| <ul> <li>at 60 V rated value</li> </ul>   | 6 A   |  |  |
| <ul> <li>at 110 V rated value</li> </ul>  | 3 A   |  |  |
| at 125 V rated value  | 2 A   |  |  |
| at 220 V rated value  | 1A  |  |  |
| at 600 V rated value  | 0.15 A  |  |  |
| operational current at DC-13  |   |  |  |
| at 24 V rated value   | 10 A  |  |  |
| at 48 V rated value   | 2 A   |  |  |
| at 60 V rated value   | 2 A   |  |  |
| at 110 V rated value  | 1 A   |  |  |
| at 125 V rated value  | 0.9 A   |  |  |
| at 220 V rated value  | 0.3 A   |  |  |
| at 600 V rated value  | 0.1 A   |  |  |
| contact reliability of auxiliary contacts   | 1 faulty switching per 100 million (17 V, 1 mA) |  |  |
| UL/CSA ratings  |   |  |  |
| full-load current (FLA) for 3-phase AC motor                                      |   |  |  |
| at 480 V rated value  | 21 A  |  |  |
| at 600 V rated value  | 22 A  |  |  |
| yielded mechanical performance [hp]   |   |  |  |
| for single-phase AC motor   |   |  |  |
| — at 110/120 V rated value  | 2 hp  |  |  |
| — at 230 V rated value  | 3 hp  |  |  |
| for 3-phase AC motor  |   |  |  |
| - at 200/208 V rated value  | 5 hp  |  |  |
| — at 220/200 V rated value  | 7.5 hp  |  |  |
|   | 15 hp   |  |  |
| — at 460/480 V rated value  | 15 00   |  |  |

| — at 575/600 V rated value  | 20 hp  |
|---|--|
| contact rating of auxiliary contacts according to UL  | A600 / P600  |
| Short-circuit protection  |  |
| design of the fuse link   |  |
| <ul> <li>for short-circuit protection of the main circuit</li> </ul>  |  |
| — with type of coordination 1 required  | gG: 100 A (690 V, 100 kA), aM: 50 A (690 V, 100 kA), BS88: 100 A (415 V, 80 kA)  |
| — with type of assignment 2 required  | gG: 35A (690V, 100kA), aM: 20A (690V, 100kA), BS88: 35A (415V, 80kA)   |
| <ul> <li>for short-circuit protection of the auxiliary switch<br/>required</li> </ul>                             | gG: 10 A (500 V, 1 kA)   |
| Installation/ mounting/ dimensions  |  |
| mounting position   | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface |
| fastening method  | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 60715   |
| <ul> <li>side-by-side mounting</li> </ul>   | Yes  |
| height  | 102 mm   |
| width   | 45 mm  |
| depth   | 107 mm   |
| required spacing  |  |
| with side-by-side mounting  |  |
| — forwards  | 10 mm  |
| — upwards   | 10 mm  |
| — downwards   | 10 mm  |
| — at the side   | 0 mm   |
| <ul> <li>for grounded parts</li> </ul>  |  |
| — forwards  | 10 mm  |
| — upwards   | 10 mm  |
| — at the side   | 6 mm   |
| — downwards   | 10 mm  |
| <ul> <li>for live parts</li> </ul>  |  |
| — forwards  | 10 mm  |
| — upwards   | 10 mm  |
| — downwards   | 10 mm  |
| — at the side   | 6 mm   |
| Connections/ Terminals  |  |
| type of electrical connection   |  |
| <ul> <li>for main current circuit</li> </ul>  | spring-loaded terminals  |
| <ul> <li>for auxiliary and control circuit</li> </ul>   | spring-loaded terminals  |
| <ul> <li>at contactor for auxiliary contacts</li> </ul>   | Spring-type terminals  |
| of magnet coil  | Spring-type terminals  |
| type of connectable conductor cross-sections  |  |
| <ul> <li>for main contacts</li> </ul>   |  |
| — solid   | 2x (1 10 mm²)  |
| — solid or stranded   | 2x (1 10 mm²)  |
| <ul> <li>finely stranded with core end processing</li> </ul>  | 2x (1 6 mm²)   |
| <ul> <li>finely stranded without core end processing</li> </ul>   | 2x (1 6 mm²)   |
| at AWG cables for main contacts   | 2x (18 8)  |
| connectable conductor cross-section for main  |  |
| contacts<br>● solid   | 1 10 mm²   |
| solid     stranded  | 1 10 mm <sup>2</sup>   |
|   | 1 6 mm <sup>2</sup>  |
| <ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul> | 1 6 mm <sup>2</sup>  |
| connectable conductor cross-section for auxiliary contacts  |  |
| solid or stranded   | 0.5 2.5 mm²  |
|   | 0.5 2.5 mm <sup>2</sup>  |
| <ul> <li>finely stranded with core end processing</li> <li>finely stranded without core and processing</li> </ul> | 0.5 1.5 mm <sup>2</sup><br>0.5 2.5 mm <sup>2</sup>   |
| finely stranded without core end processing     type of connectable conductor cross-sections                      | 0.0 2.0 [[[[]]   |
| type of connectable conductor cross-sections  |  |

| <ul> <li>for auxiliary cor</li> </ul>      | ntacts  |                |                                |  |   |  |
|--|---|----------------|--------------------------------|--|---|--|
| — solid or str                             | — solid or stranded                           |                | 2x (0.5 2.5 mm²)               |  |   |  |
| - finely stranded with core end processing |   | essing         | 2x (0.5 1.5 mm²)               |  |   |  |
| — finely strar                             | nded without core end p                       | rocessing      | 2x (0.5 2.5 mm <sup>2</sup> )  |  |   |  |
|  | for auxiliary contacts                        |                | 2x (20 14)                     |  |   |  |
| AWG number as coo<br>section               | ded connectable cond                          | uctor cross    |                                |  |   |  |
| <ul> <li>for main contact</li> </ul>       |   |                | 18 8                           |  |   |  |
| <ul> <li>for auxiliary cor</li> </ul>      | ntacts  |                | 20 14                          |  |   |  |
| Safety related data                        |   |                |                                |  |   |  |
| product function                           |   |                |                                |  |   |  |
| <ul> <li>mirror contact a</li> </ul>       | according to IEC 60947                        | 4-1            | Yes                            |  |   |  |
| B10 value with high d                      | lemand rate according t                       | o SN 31920     | 450 000                        |  |   |  |
| proportion of dange                        |   |                |                                |  |   |  |
|  | nd rate according to SN                       |                | 40 %                           |  |   |  |
| -  | nd rate according to SN                       |                | 73 %                           |  |   |  |
| failure rate [FIT] with 31920              | low demand rate accord                        | ding to SN     | 100 FIT                        |  |   |  |
| T1 value for proof tes<br>IEC 61508        | t interval or service life                    | according to   | 20 у                           |  |   |  |
| protection class IP o 60529                | on the front according                        | to IEC         | IP20                           |  |   |  |
|  | the front according to                        | DIEC 60529     | finger-safe, for vertical cont | tact from the front                            |   |  |
| suitability for use                        |   |                |                                |  |   |  |
| <ul> <li>safety-related s</li> </ul>       | witching OFF                                  |                | Yes                            |  |   |  |
| Certificates/ approval                     |   |                |                                |  |   |  |
| General Product Ap                         | proval  |                |                                |  |   |  |
| S.   | <u>Confirmation</u>                           |                | <b>U</b>                       | <u>KC</u>                                      | EHC   |  |
| EMC  | Functional<br>Safety/Safety of<br>Machinery   | Declaration of | Conformity                     | Test Certificates                              |   |  |
| RCM  | <u>Type Examination</u><br><u>Certificate</u> |                | C E<br>EG-Konf.                | <u>Type Test Certific-</u><br>ates/Test Report | <u>Special Test Certific-</u><br><u>ate</u> |  |
| Marine / Shipping                          |   |                |                                |  |   |  |
| ALCON DO                                   | AU VE   | 2 2            |                                | 15 Mar   | alla)                                       |  |
| ABS  | BUREAU<br>VERITAS                             |                | Lloyds<br>Register<br>us       | PRS  | RINA  |  |
| Marine / Shipping                          | other   |                | Dangerous Good                 |  |   |  |
|  | Confirmation                                  | $\wedge$       | Transport Informa-<br>tion     |  |   |  |
| RMRS                                       |   |                |                                |  |   |  |

Information- and Downloadcenter (Catalogs, Brochures,...)

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

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2026-2KG40&objecttype=14&gridview=view1

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