## SIEMENS

## Data sheet

## 3RT2018-2AF01



power contactor, AC-3e/AC-3, 16 A, 7.5 kW / 400 V, 3-pole, 110 V AC, 50/60 Hz, auxiliary contacts: 1 NO, spring-loaded terminal, size: S00  $\,$ 

| product brand name                                                                                           | SIRIUS                     |
|--------------------------------------------------------------------------------------------------------------|----------------------------|
| product designation                                                                                          | Power contactor            |
| product type designation                                                                                     | 3RT2                       |
| General technical data                                                                                       |                            |
| size of contactor                                                                                            | S00                        |
| product extension                                                                                            |                            |
| <ul> <li>function module for communication</li> </ul>                                                        | No                         |
| auxiliary switch                                                                                             | Yes                        |
| power loss [W] for rated value of the current                                                                |                            |
| <ul> <li>at AC in hot operating state</li> </ul>                                                             | 3 W                        |
| <ul> <li>at AC in hot operating state per pole</li> </ul>                                                    | 1 W                        |
| <ul> <li>without load current share typical</li> </ul>                                                       | 5.7 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                                                                                     |                            |
| of main circuit rated value                                                                                  | 6 kV                       |
| <ul> <li>of auxiliary circuit rated value</li> </ul>                                                         | 6 kV                       |
| maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 | 400 V                      |
| shock resistance at rectangular impulse                                                                      |                            |
| • at AC                                                                                                      | 7,3g / 5 ms, 4,7g / 10 ms  |
| shock resistance with sine pulse                                                                             |                            |
| • at AC                                                                                                      | 11,4g / 5 ms, 7,3g / 10 ms |
| mechanical service life (operating cycles)                                                                   |                            |
| of contactor typical                                                                                         | 30 000 000                 |
| <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                                                                                          |                            |
| during operation                                                                                             | -25 +60 °C                 |
| during storage                                                                                               | -55 +80 °C                 |
| relative humidity minimum                                                                                    | 10 %                       |
| relative humidity at 55 °C according to IEC 60068-2-30 maximum                                               | 95 %                       |
| Main circuit                                                                                                 |                            |
| number of poles for main current circuit                                                                     | 3                          |

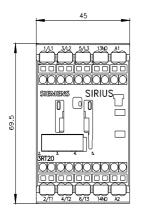
| number of NO contacts for main contacts                                    | 3                 |
|----------------------------------------------------------------------------|-------------------|
| operating voltage                                                          |                   |
| at AC-3 rated value maximum                                                | 690 V             |
| <ul> <li>at AC-3e rated value maximum</li> </ul>                           | 690 V             |
| operational current                                                        |                   |
| • at AC-1 at 400 V at ambient temperature 40 °C rated                      | 22 A              |
| value                                                                      |                   |
| • at AC-1                                                                  |                   |
| <ul> <li>— up to 690 V at ambient temperature 40 °C rated value</li> </ul> | 22 A              |
| — up to 690 V at ambient temperature 60 °C rated                           | 20 A              |
| value                                                                      |                   |
| • at AC-3                                                                  |                   |
| — at 400 V rated value                                                     | 16 A              |
| — at 500 V rated value                                                     | 12.4 A            |
| — at 690 V rated value                                                     | 8.9 A             |
| • at AC-3e                                                                 |                   |
| — at 400 V rated value                                                     | 16 A              |
| — at 500 V rated value                                                     | 12.4 A            |
| — at 690 V rated value                                                     | 8.9 A             |
| • at AC-4 at 400 V rated value                                             | 11.5 A            |
| • at AC-5a up to 690 V rated value                                         | 19.4 A            |
| at AC-5b up to 400 V rated value                                           | 13.2 A            |
| • at AC-6a                                                                 |                   |
| <ul> <li>— up to 230 V for current peak value n=20 rated value</li> </ul>  | 9.6 A             |
| <ul> <li>— up to 400 V for current peak value n=20 rated value</li> </ul>  | 9.6 A             |
| <ul> <li>— up to 500 V for current peak value n=20 rated value</li> </ul>  | 9.6 A             |
| — up to 690 V for current peak value n=20 rated value                      | 8.9 A             |
| • at AC-6a                                                                 |                   |
| — up to 230 V for current peak value n=30 rated value                      | 6.6 A             |
| — up to 400 V for current peak value n=30 rated value                      | 6.4 A             |
| — up to 500 V for current peak value n=30 rated value                      | 6.4 A             |
| — up to 690 V for current peak value n=30 rated value                      | 6.4 A             |
| minimum cross-section in main circuit at maximum AC-1 rated value          | 4 mm <sup>2</sup> |
| operational current for approx. 200000 operating cycles at AC-4            |                   |
| • at 400 V rated value                                                     | 5.5 A             |
| • at 690 V rated value                                                     | 4.4 A             |
| operational current                                                        |                   |
| <ul> <li>at 1 current path at DC-1</li> </ul>                              |                   |
| — at 24 V rated value                                                      | 20 A              |
| — at 60 V rated value                                                      | 20 A              |
| — at 110 V rated value                                                     | 2.1 A             |
| — at 220 V rated value                                                     | 0.8 A             |
| — at 440 V rated value                                                     | 0.6 A             |
| — at 600 V rated value                                                     | 0.6 A             |
| <ul> <li>with 2 current paths in series at DC-1</li> </ul>                 |                   |
| — at 24 V rated value                                                      | 20 A              |
| — at 60 V rated value                                                      | 20 A              |
| — at 110 V rated value                                                     | 12 A              |
| — at 220 V rated value                                                     | 1.6 A             |
| — at 440 V rated value                                                     | 0.8 A             |
| — at 600 V rated value                                                     | 0.7 A             |
| <ul> <li>with 3 current paths in series at DC-1</li> </ul>                 |                   |
| — at 24 V rated value                                                      | 20 A              |
| — at 60 V rated value                                                      | 20 A              |
| — at 110 V rated value                                                     | 20 A              |
| — at 220 V rated value                                                     | 20 A              |
| — at 440 V rated value                                                     | 1.3 A             |
| — at 600 V rated value                                                     | 1 A               |
| <ul> <li>at 1 current path at DC-3 at DC-5</li> </ul>                      |                   |

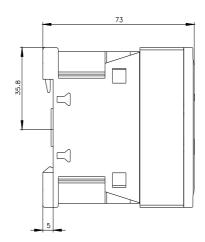
| - at 24 Y relid value     - at 32 V relid value     - at 34 V relid value     0.15 A     - at 34 V relid value     20 A     - at 34 V relid value     7 5 A     - at 32 V relid value     - at 32 V relid value     - at 32 V relid value     7 5 A     - at 32 V relid value     - at 32 V relid value     7 5 A     - at 32 V relid value     - at 32 V relid value     - at 32 V relid value     7 5 A     - at 32 V relid value     - at 32 V relid value     7 5 A     - at 32 V relid value     - at 32 V relid value     7 5 A     - at 32 V relid value     7 5 A     - at 32 V relid value     - at 32 V |                                                                    |                                                           |
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| • with 2 current path in series at DC-3 at DC-6         20 A           - at 20 V rated value         5A           - at 10 V rated value         5A           - at 24 V rated value         20 A           - at 250 V rated value         20 A           - at 250 V rated value         75 KW           - at 260 V rated value         75 KW           - at 250 V rated value         75 KW           - at 250 V rated value         75 KW           - at 400 V rated value         75 KW           - at 400 V rated value         35 KW           opperating power for approx. 20000 operating cycles at AC+           • at 400 V rated value         35 KW           opperating apparent power 14 AC-26         5 KW           • op 10 00 V for current pack value n=20 rated value         10 6 KVA           • o                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                    |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 110 V rated value                                             | 0.15 A                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul> |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 24 V rated value                                              | 20 A                                                      |
| • with 3 current paths in series at DC-3 at DC-3     20 A       - at 24 V rated value     20 A       - at 26 V rated value     20 A       - at 210 V rated value     20 A       - at 240 V rated value     20 A       - at 240 V rated value     0.2 A       - at 260 V rated value     7.5 kW       - at 260 V rated value     8.5 kW       - at 260 V rated value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 60 V rated value                                              | 5 A                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 110 V rated value                                             | 0.35 A                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul> |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 24 V rated value                                              | 20 A                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 60 V rated value                                              | 20 A                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 110 V rated value                                             | 20 A                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 220 V rated value                                             | 1.5 A                                                     |
| operating power <ul> <li>at AC3</li> <li>at AC4</li> <li>at AC3</li> <li>at AC40 Virted value</li> <li>at 400 Virated value</li> <li>at 400 Virated value</li> <li>bit A00 Virated value</li> <li>at 600 Virated value</li> <li>bit bit A00 Virated value</li> <li>at 600 Virated value</li> <li>at 600 Virated value</li> <li>bit bit AC4-6a</li> <li>at 600 Virated value n= 20 rated value</li> <li>bit bit A00 Virate value n= 20 rated value</li> <li>bit bit bit A00 Virate value n= 20 rated value</li> <li>bit bit bit bit bit bit bit bit bit bit</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | — at 440 V rated value                                             | 0.2 A                                                     |
| er at AC-3         - at 230 V rated value         - at 2400 V rated value         - at 250 V for current pack value n=20 rated value         - at 250 V for current pack value n=20 rated value         - at 250 V for current pack value n=20 rated value         - at 560 V for current pack value n=20 rated value         - at 560 V for current pack value n=20 rated value         - at 560 V for current pack value n=20 rated value         - at 560 V for current pack value n=20 rated value         - at 560 V for current pack value n=20 rated value         - at 560 V for current pack value n=20 rated value         - at 560 V for current pack value n=30 rated value         - at 560 V for current pack value n=30 rated value         - at 560 V for current pack value n=30 rated value         - at 560 V for current pack value n=30 rated value         - at 560 V for current pack value n=30 rated value         - at 560 V for current pack value n=30 rated value         - at 560 V for current pack value n=30 rated value  | — at 600 V rated value                                             | 0.2 A                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | operating power                                                    |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | • at AC-3                                                          |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 230 V rated value                                             | 4 kW                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 400 V rated value                                             | 7.5 kW                                                    |
| e at AC-3e                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | — at 500 V rated value                                             | 7.5 kW                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 690 V rated value                                             | 7.5 kW                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | • at AC-3e                                                         |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 230 V rated value                                             | 4 kW                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — at 400 V rated value                                             | 7.5 kW                                                    |
| operating power for approx. 200000 operating cycles at AC-4       2.5 kW         • at 400 V rated value       3.5 kW         operating apparent power at AC-6a       3.5 kW         • up to 230 V for current peak value n=20 rated value       6.6 kVA         • up to 500 V for current peak value n=20 rated value       6.6 kVA         • up to 500 V for current peak value n=20 rated value       8.3 kVA         • up to 500 V for current peak value n=30 rated value       2.5 kVA         • up to 500 V for current peak value n=30 rated value       5.6 kVA         • up to 500 V for current peak value n=30 rated value       5.6 kVA         • up to 500 V for current peak value n=30 rated value       5.6 kVA         • up to 500 V for current peak value n=30 rated value       5.6 kVA         • up to 500 V for current peak value n=30 rated value       5.6 kVA         • up to 500 V for current peak value n=30 rated value       5.6 kVA         • up to 500 V for current peak value n=30 rated value       7.6 kVA         • limited to 10 s switching at zero current maximum       300 A: Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       128 A: Use minimum cross-section acc. to AC-1 rated value         • limited to 0 s switching at zero current maximum       128 A: Use minimum cross-section acc. to AC-1 rated value         • at AC-       10000 1/h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | — at 500 V rated value                                             | 7.5 kW                                                    |
| A dot V rated value     at 690 V for current peak value n=20 rated value     at 600 V for current peak value n=20 rated value     at 00 V for current peak value n=20 rated value     at 0 to 800 V for current peak value n=20 rated value     at 0 to 230 V for current peak value n=20 rated value     at 0 to 230 V for current peak value n=20 rated value     at 0 to 230 V for current peak value n=20 rated value     at 0 to 230 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 800 V for current peak value n=30 rated value     at 0 to 900 V for current peak value n=30 rated value     at 0 to 900 voling at zero  | — at 690 V rated value                                             | 7.5 kW                                                    |
| • at 400 V rated value         2.5 kW           • at 690 V rated value         3.5 kW           operating apparent power at AC-6a         3.5 kW           • up to 230 V for current peak value n=20 rated value         6.8 kVA           • up to 500 V for current peak value n=20 rated value         8.8 kVA           • up to 500 V for current peak value n=20 rated value         8.3 kVA           • up to 500 V for current peak value n=20 rated value         2.5 kVA           • up to 500 V for current peak value n=30 rated value         2.5 kVA           • up to 500 V for current peak value n=30 rated value         4.4 kVA           • up to 500 V for current peak value n=30 rated value         5.5 kVA           • up to 500 V for current peak value n=30 rated value         5.5 kVA           • up to 500 V for current peak value n=30 rated value         5.5 kVA           • up to 500 V for current peak value n=30 rated value         7.6 kVA           • up to 500 V for current peak value n=30 rated value         7.6 kVA           • up to 500 V for current peak value n=30 rated value         7.6 kVA           • imited to 1 s switching at zero current maximum         100 A; Use minimum cross-section acc. to AC-1 rated value           • limited to 1 s switching at zero current maximum         128 A; Use minimum cross-section acc. to AC-1 rated value           • limited to 30 s switching at zero current maximum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                    |                                                           |
| • at 680 V rated value     3.5 kW       operating apparent power at AC-5a     3.8 kVA       • up to 230 V for current peak value n=20 rated value     6.6 kVA       • up to 500 V for current peak value n=20 rated value     8.3 kVA       • up to 500 V for current peak value n=20 rated value     8.3 kVA       • up to 500 V for current peak value n=20 rated value     8.3 kVA       • up to 500 V for current peak value n=20 rated value     8.4 kVA       • up to 230 V for current peak value n=30 rated value     4.4 kVA       • up to 500 V for current peak value n=30 rated value     4.4 kVA       • up to 680 V for current peak value n=30 rated value     7.6 kVA       • up to 680 V for current peak value n=30 rated value     7.6 kVA       • up to 680 V for current peak value n=30 rated value     7.6 kVA       • up to 680 V for current peak value n=30 rated value     7.6 kVA       • up to 680 V for current peak value n=30 rated value     7.6 kVA       • up to 680 V for current neximum     300 A; Use minimum cross-section acc. to AC-1 rated value       • limited to 1 s switching at zero current maximum     189 A; Use minimum cross-section acc. to AC-1 rated value       • limited to 3 s switching at zero current maximum     128 A; Use minimum cross-section acc. to AC-1 rated value       • limited to 60 s switching at zero current maximum     76 1/h       • et AC     10 000 1/h       • et AC     10000 1/h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                    | 0.5114                                                    |
| operating apparent power at AC-6a       3.8 kVA         • up to 230 V for current peak value n=20 rated value       6.6 kVA         • up to 500 V for current peak value n=20 rated value       8.3 kVA         • up to 690 V for current peak value n=20 rated value       8.3 kVA         • up to 690 V for current peak value n=20 rated value       10.6 kVA         operating apparent power at AC-6a       2.5 kVA         • up to 500 V for current peak value n=30 rated value       2.5 kVA         • up to 500 V for current peak value n=30 rated value       5.5 kVA         • up to 500 V for current peak value n=30 rated value       5.5 kVA         • up to 500 V for current peak value n=30 rated value       7.6 kVA         short-time withstand current in cold operating state up to 40° °C       300 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       199 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • at AC-3 maximum       100 001/h         • at AC-3 maximum       750 1/h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                    |                                                           |
| • up to 230 V for current peak value n=20 rated value     3.8 kVA     • up to 400 V for current peak value n=20 rated value     6.6 kVA     • up to 500 V for current peak value n=20 rated value     4.8 kVA     • up to 500 V for current peak value n=20 rated value     10.6 kVA     operating apparent power at AC-6a     • up to 230 V for current peak value n=30 rated value     2.5 kVA     • up to 500 V for current peak value n=30 rated value     2.5 kVA     • up to 500 V for current peak value n=30 rated value     2.5 kVA     • up to 500 V for current peak value n=30 rated value     5.5 kVA     • up to 500 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     100 A; Use minimum cross-section acc. to AC-1 rated value     10 to 10 s switching at zero current maximum     104 kUse minimum cross-section acc. to AC-1 rated value     10 col 0 t/h     • at AC-1 maximum     1000 1/h     • at AC-2 maximum     1000 1/h     • at AC-3 maximum     1000 1/h     • at AC-3 maximum     50 1/h     • at AC-4 maximu |                                                                    | 3.5 KW                                                    |
| • up to 400 V for current peak value n=20 rated value     • up to 500 V for current peak value n=20 rated value     • up to 500 V for current peak value n=20 rated value     • up to 690 V for current peak value n=20 rated value     • up to 230 V for current peak value n=30 rated value     • up to 230 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • Use 500 V for current peak value n=30 rated value     • Use 500 V for current peak value n=30 rated value     • Imited to 1 s switching at zero current maximum     • limited to 1 s switching at zero current maximum     • limited to 1 s switching at zero current maximum     • limited to 30 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 50 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 10 s switching at zero current maximum     • limited to 10 s as switching at zero current maximum     • limited to 10 s as switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 10 s as switching at zero current maximum     • at AC-1 maximum     • at AC-1 maximum     • at AC-2 maximum     • at AC-3 maximum     • at AC-3 maximum     • at AC-4 maximum     • at AC-4 maximum     • at AC- |                                                                    | 0.011/4                                                   |
| • up to 500 V for current peak value n=20 rated value     • up to 690 V for current peak value n=20 rated value     10.6 kVA     operating apparent power at AC-6a     • up to 230 V for current peak value n=30 rated value     2.5 kVA     • up to 500 V for current peak value n=30 rated value     2.5 kVA     • up to 500 V for current peak value n=30 rated value     4. kVA     • up to 500 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 690 V for current peak value n=30 rated value     5.5 kVA     • up to 500 V for current peak value n=30 rated value     5.5 kVA     • up to 500 V for current peak value n=30 rated value     5.5 kVA     • up to 500 V for current peak value n=30 rated value     5.5 kVA     • up to 500 V for current peak value n=30 rated value     5.5 kVA     • up to 500 V for current peak value n=30 rated value     5.5 kVA     • up to 500 V for current peak value n=30 rated value     5.5 kVA     • up to 500 V for current peak value n=30 rated value     7.6 kVA     • oto 500 V for current peak value n=30 rated value     10.0 A; Use minimum cross-section acc. to AC-1 rated value     • limited to 10 s switching at zero current maximum     128 A; Use minimum cross-section acc. to AC-1 rated value     • limited to 60 s switching at zero current maximum     74 A; Use minimum cross-section acc. to AC-1 rated value     • at AC     10 000 1/h     • at AC-1 maximum     1000 1/h     • at AC-3 maximum     500 1/h     • at AC-3 maximum     500 1/h     • at AC-4 maximum     500 1/h     |                                                                    |                                                           |
| • up to 690 V for current peak value n=20 rated value       10.6 kVA         operating apparent power at AC-Ga       2.5 kVA         • up to 230 V for current peak value n=30 rated value       4.4 kVA         • up to 500 V for current peak value n=30 rated value       5.5 kVA         • up to 690 V for current peak value n=30 rated value       5.6 kVA         • up to 690 V for current peak value n=30 rated value       7.6 kVA         short-time withstand current in cold operating state up to 40 °C       .         • limited to 1 s switching at zero current maximum       300 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       92 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • at AC       10 000 1/h         • at AC-1 maximum       1 000 1/h         • at AC-2 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       250 1/h         • at AC-4 maximum       250 1/h         • at AC-4 maxim                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                    |                                                           |
| operating apparent power at AC-6a       2.5 kVA         • up to 230 V for current peak value n=30 rated value       4.4 kVA         • up to 400 V for current peak value n=30 rated value       4.4 kVA         • up to 500 V for current peak value n=30 rated value       5.5 kVA         • up to 690 V for current peak value n=30 rated value       5.5 kVA         short-time withstand current in cold operating state up to 40°C       300 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum       169 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       92 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • at AC       10 000 1/h         • at AC-1 maximum       1 000 1/h         • at AC-3 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-3 maximum       250 1/h         Control circuit/ Control       type of value e AC         • at AC-4 maximum       250 1/h                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                    |                                                           |
| • up to 230 V for current peak value n=30 rated value     • up to 400 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current peak value n=30 rated value     • up to 500 V for current in cold operating state up to     40 °C     • ulmited to 1 s switching at zero current maximum     • limited to 1 s switching at zero current maximum     • limited to 10 s switching at zero current maximum     • limited to 10 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 60 s switching at zero current maximum     • limited to 10 s switching at zero current maximum     • limited to 10 s switching at zero current maximum     • limited to 10 s switching at zero current maximum     • at AC-1 maximum     • at AC-1 maximum     • at AC-1 maximum     1000 1/h     • at AC-3 maximum     * at AC-4 maximum     * at AC-3 maximum     * at AC-4 maximum     * at AC- |                                                                    | 10.6 KVA                                                  |
| • up to 400 V for current peak value n=30 rated value       4.4 kVA         • up to 500 V for current peak value n=30 rated value       5.5 kVA         • up to 500 V for current peak value n=30 rated value       7.6 kVA         short-time withstand current in cold operating state up to 40°C       7.6 kVA         • limited to 1 s switching at zero current maximum       300 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum       169 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 50 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • at AC       10 000 1/h         • at AC-2 maximum       10000 1/h         • at AC-3 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                    |                                                           |
| • up to 500 V for current peak value n=30 rated value       5.5 kVA         • up to 690 V for current peak value n=30 rated value       7.6 kVA         short-time withstand current in cold operating state up to 40 °C       300 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum       300 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       92 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       92 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       75 A; A; Use minimum cross-section acc. to AC-1 rated value         • at AC       10 000 1/h         operating frequency       1000 1/h         • at AC-3 maximum       750 1/h         • at AC-3 maximum       250 1/h         Control circuit/ Control       K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                    |                                                           |
| • up to 690 V for current peak value n=30 rated value7.6 kVAshort-time withstand current in cold operating state up to<br>40°C7.6 kVA• limited to 1 s switching at zero current maximum300 A; Use minimum cross-section acc. to AC-1 rated value• limited to 5 s switching at zero current maximum169 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 30 s switching at zero current maximum92 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum74 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum74 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum74 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching frequency0000 1/h• at AC10 000 1/h• at AC-1 maximum1000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum110 V• at 60 Hz rated value110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                    |                                                           |
| short-time withstand current in cold operating state up to<br>40 °C       300 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 1 s switching at zero current maximum       169 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       92 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       92 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • at AC       10 000 1/h         • at AC       10 000 1/h         • at AC-1 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       250 1/h         Control circuit/ Control       AC         type of voltage of the control supply voltage       AC         • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                    |                                                           |
| 40 °C       ilmited to 1 s switching at zero current maximum       300 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 5 s switching at zero current maximum       169 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 10 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       92 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         • at AC       10 000 1/h         • at AC       10 000 1/h         • at AC-1 maximum       1 000 1/h         • at AC-2 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       250 1/h         Control circuit/ Control       V         • at AC-4 maximum       250 1/h         Control supply voltage at AC       10 V         • at 50 Hz rated value       110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                    | 7.6 KVA                                                   |
| • limited to 5 s switching at zero current maximum169 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 30 s switching at zero current maximum92 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum74 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching frequency10 000 1/h• at AC10 000 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum110 V• at 50 Hz rated value110 V• at 60 Hz rated value110 V• at 60 Hz rated value110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                    |                                                           |
| • limited to 5 s switching at zero current maximum169 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 30 s switching at zero current maximum92 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching at zero current maximum74 A; Use minimum cross-section acc. to AC-1 rated value• limited to 60 s switching frequency10 000 1/h• at AC10 000 1/h• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum110 V• at 50 Hz rated value110 V• at 60 Hz rated value110 V• at 60 Hz rated value110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                    | 300 A; Use minimum cross-section acc. to AC-1 rated value |
| • limited to 10 s switching at zero current maximum       128 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 30 s switching at zero current maximum       92 A; Use minimum cross-section acc. to AC-1 rated value         • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         no-load switching frequency       0000 1/h         • at AC       10 000 1/h         operating frequency       0000 1/h         • at AC-1 maximum       1 000 1/h         • at AC-2 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       250 1/h         Control circuit/ Control       Voltage of the control supply voltage         type of voltage of the control supply voltage       AC         • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         • at 60 Hz rated value       110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0                                                                  |                                                           |
| <ul> <li>Iimited to 30 s switching at zero current maximum</li> <li>92 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>Iimited to 60 s switching at zero current maximum</li> <li>74 A; Use minimum cross-section acc. to AC-1 rated value</li> <li>no-load switching frequency         <ul> <li>at AC</li> <li>10 000 1/h</li> </ul> </li> <li>operating frequency         <ul> <li>at AC-1 maximum</li> <li>1000 1/h</li> <li>ot AC-2 maximum</li> <li>1000 1/h</li> <li>at AC-3 maximum</li> <li>1000 1/h</li> <li>at AC-3 maximum</li> <li>50 1/h</li> <li>at AC-3 maximum</li> <li>50 1/h</li> <li>at AC-4 maximum</li> <li>250 1/h</li> </ul> </li> <li>Control circuit/ Control         <ul> <li>type of voltage of the control supply voltage</li> <li>AC</li> <li>at 50 Hz rated value</li> <li>10 V</li> <li>at 60 Hz rated value</li> <li>10 V</li> <li>operating range factor control supply voltage rated value of magnet coil at AC</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | -                                                                  |                                                           |
| • limited to 60 s switching at zero current maximum       74 A; Use minimum cross-section acc. to AC-1 rated value         no-load switching frequency       10 000 1/h         • at AC       10 000 1/h         operating frequency       1 000 1/h         • at AC-1 maximum       1 000 1/h         • at AC-2 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-3 maximum       750 1/h         • at AC-4 maximum       250 1/h         • at AC-4 maximum       250 1/h         Control circuit/ Control       AC         type of voltage of the control supply voltage       AC         • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         • at 60 Hz rated value       110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                    |                                                           |
| no-load switching frequency     10 000 1/h       operating frequency     -       • at AC-1 maximum     1 000 1/h       • at AC-2 maximum     750 1/h       • at AC-3 maximum     750 1/h       • at AC-4 maximum     250 1/h       • at AC-4 maximum     250 1/h       Control circuit/ Control     AC       type of voltage of the control supply voltage     AC       • at 50 Hz rated value     110 V       • at 60 Hz rated value     110 V       • at 60 Hz rated value     110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                  |                                                           |
| • at AC10 000 1/hoperating frequency• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximumAC• at AC-4 maximum110 V• at 50 Hz rated value110 V• at 60 Hz rated value110 V• operating range factor control supply voltage rated value of magnet coil at AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                    |                                                           |
| operating frequencyI• at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3e maximum750 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximumAC• at AC-4 maximum100 V• at AC-4 maximum110 V• at 50 Hz rated value110 V• at 60 Hz rated value110 V• operating range factor control supply voltage rated value of magnet coil at AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                    | 10 000 1/h                                                |
| • at AC-1 maximum1 000 1/h• at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3e maximum750 1/h• at AC-3e maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/hControl circuit/ ControlK• at AC-4 maximum110 V• at 50 Hz rated value110 V• at 60 Hz rated value110 V• operating range factor control supply voltage rated value of magnet coil at ACK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                    |                                                           |
| • at AC-2 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3 maximum750 1/h• at AC-3e maximum250 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/hControl circuit/ ControlACControl supply voltage at ACAC• at 50 Hz rated value110 V• at 60 Hz rated value110 Voperating range factor control supply voltage rated value of magnet coil at ACIto V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                    | 1 000 1/h                                                 |
| • at AC-3 maximum750 1/h• at AC-3e maximum750 1/h• at AC-4 maximum250 1/h• at AC-4 maximum250 1/hControl circuit/ ControlAC• of voltage of the control supply voltageAC• at 50 Hz rated value110 V• at 60 Hz rated value110 V• operating range factor control supply voltage rated value of magnet coil at AC110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                    |                                                           |
| • at AC-3e maximum750 1/h• at AC-4 maximum250 1/hControl circuit/ Control250 1/htype of voltage of the control supply voltageACcontrol supply voltage at AC110 V• at 50 Hz rated value110 V• at 60 Hz rated value110 Voperating range factor control supply voltage rated value of magnet coil at AC110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                    |                                                           |
| • at AC-4 maximum       250 1/h         Control circuit/ Control          type of voltage of the control supply voltage       AC         control supply voltage at AC          • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         operating range factor control supply voltage rated value of magnet coil at AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                    |                                                           |
| Control circuit/ Control         type of voltage of the control supply voltage       AC         control supply voltage at AC       110 V         • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         operating range factor control supply voltage rated value of magnet coil at AC       110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    |                                                           |
| type of voltage of the control supply voltage     AC       control supply voltage at AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                    |                                                           |
| control supply voltage at AC       110 V         • at 50 Hz rated value       110 V         • at 60 Hz rated value       110 V         operating range factor control supply voltage rated value of magnet coil at AC       110 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    | AC                                                        |
| • at 50 Hz rated value         110 ∨           • at 60 Hz rated value         110 ∨           operating range factor control supply voltage rated value of magnet coil at AC         110 ∨                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                    |                                                           |
| • at 60 Hz rated value 110 V<br>operating range factor control supply voltage rated value of<br>magnet coil at AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                    | 110 V                                                     |
| operating range factor control supply voltage rated value of magnet coil at AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                    |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | operating range factor control supply voltage rated value of       |                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -                                                                  | 0.81.1                                                    |

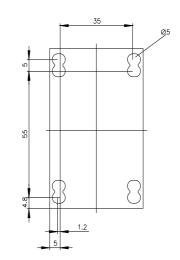
| • at 60 Hz                                                            | 0.85 1.1                                        |
|-----------------------------------------------------------------------|-------------------------------------------------|
| apparent pick-up power of magnet coil at AC                           |                                                 |
| • at 50 Hz                                                            | 37 VA                                           |
| • at 60 Hz                                                            | 33 VA                                           |
| inductive power factor with closing power of the coil                 |                                                 |
| • at 50 Hz                                                            | 0.8                                             |
| • at 60 Hz                                                            | 0.75                                            |
| apparent holding power of magnet coil at AC                           |                                                 |
| • at 50 Hz                                                            | 5.7 VA                                          |
| • at 60 Hz                                                            | 4.4 VA                                          |
| inductive power factor with the holding power of the coil             |                                                 |
| • at 50 Hz                                                            | 0.25                                            |
| • at 60 Hz                                                            | 0.25                                            |
| closing delay                                                         |                                                 |
| • at AC                                                               | 9 35 ms                                         |
| opening delay                                                         |                                                 |
| • at AC                                                               | 4 15 ms                                         |
| arcing time                                                           | 10 15 ms                                        |
| control version of the switch operating mechanism                     | Standard A1 - A2                                |
| Auxiliary circuit                                                     |                                                 |
| number of NO contacts for auxiliary contacts instantaneous<br>contact | 1                                               |
| operational current at AC-12 maximum                                  | 10 A                                            |
| operational current at AC-15                                          |                                                 |
| at 230 V rated value                                                  | 10 A                                            |
| at 200 V rated value                                                  | 3 A                                             |
| at 500 V rated value                                                  | 2 A                                             |
| at 690 V rated value                                                  | 1A                                              |
| 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 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                                                  | 1A                                              |
| 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                                                | 14 A                                            |
| • at 600 V rated value                                                | 11 A                                            |
| yielded mechanical performance [hp]                                   |                                                 |
| • for single-phase AC motor                                           |                                                 |
| — at 110/120 V rated value                                            | 1 hp                                            |
| — at 230 V rated value                                                | 2 hp                                            |
| • for 3-phase AC motor                                                |                                                 |
| — at 200/208 V rated value                                            | 3 hp                                            |
| — at 220/230 V rated value                                            | 5 hp                                            |
| — at 460/480 V rated value                                            | 10 hp                                           |
| — at 575/600 V rated value                                            | 10 hp                                           |
| contact rating of auxiliary contacts according to UL                  | A600 / Q600                                     |
| Short-circuit protection                                              |                                                 |
| design of the fuse link                                               |                                                 |
| -                                                                     |                                                 |

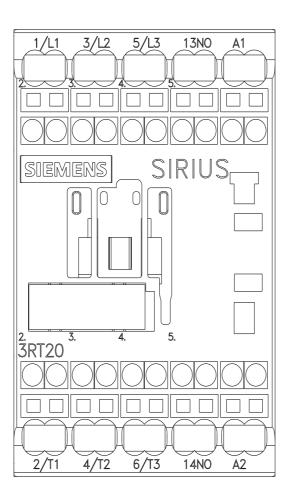
| • for short-circuit protection of the main circuit                                                                |                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| — with type of coordination 1 required                                                                            | gG: 50A (690V,100kA), aM: 25A (690V,100kA), BS88: 50A (415V,80kA)                                                                    |
| <ul> <li>— with type of assignment 2 required</li> </ul>                                                          | gG: 25A (690V,100kA), aM: 20A (690V,100kA), BS88: 25A (415V,80kA)                                                                    |
| <ul> <li>for short-circuit protection of the auxiliary switch 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<br>• side-by-side mounting                                                                       | screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 Yes                                                         |
| height                                                                                                            | 70 mm                                                                                                                                |
| width                                                                                                             | 45 mm                                                                                                                                |
| depth                                                                                                             | 73 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                                                                                                                                |
| for live parts                                                                                                    |                                                                                                                                      |
| — 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 for main contacts                                                    |                                                                                                                                      |
| • solid                                                                                                           | 2x (0.5 4 mm <sup>2</sup> )                                                                                                          |
| solid or stranded                                                                                                 | 2x (0,5 4 mm²)                                                                                                                       |
| finely stranded with core end processing                                                                          | 2x (0.5 2.5 mm <sup>2</sup> )                                                                                                        |
| finely stranded without core end processing                                                                       | 2x (0.5 2.5 mm²)                                                                                                                     |
| connectable conductor cross-section for main contacts                                                             | 0.5 4 mm²                                                                                                                            |
| • solid                                                                                                           | 0.5 4 mm <sup>2</sup>                                                                                                                |
| <ul> <li>stranded</li> <li>finely stranded with core and processing</li> </ul>                                    | 0.5 4 mm <sup>2</sup><br>0.5 2.5 mm <sup>2</sup>                                                                                     |
| <ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul> | 0.5 2.5 mm <sup>2</sup>                                                                                                              |
| connectable conductor cross-section for auxiliary contacts                                                        | 0.0 2.0 (1)(1)                                                                                                                       |
| solid or stranded                                                                                                 | 0.5 4 mm²                                                                                                                            |
| <ul> <li>finely stranded with core end processing</li> </ul>                                                      | 0.5 4 mm<br>0.5 2.5 mm <sup>2</sup>                                                                                                  |
| <ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul> | 0.5 2.5 mm <sup>2</sup>                                                                                                              |
| type of connectable conductor cross-sections                                                                      |                                                                                                                                      |
| for auxiliary contacts                                                                                            |                                                                                                                                      |
| — solid or stranded                                                                                               | 2x (0,5 4 mm²)                                                                                                                       |
| <ul> <li>finely stranded with core end processing</li> </ul>                                                      | 2x (0.5 2.5 mm <sup>2</sup> )                                                                                                        |
| <ul> <li>finely stranded without core end processing</li> </ul>                                                   | 2x (0.5 2.5 mm <sup>2</sup> )                                                                                                        |
| <ul> <li>for AWG cables for auxiliary contacts</li> </ul>                                                         | 2x (20 12)                                                                                                                           |
| AWG number as coded connectable conductor cross                                                                   |                                                                                                                                      |
| section                                                                                                           |                                                                                                                                      |
| for main contacts                                                                                                 | 20 12                                                                                                                                |
| for auxiliary contacts                                                                                            | 20 12                                                                                                                                |
| Safety related data                                                                                               |                                                                                                                                      |
| product function                                                                                                  |                                                                                                                                      |
| <ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>                                                     | Yes; with 3RH29                                                                                                                      |

| B10 value with high o                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                           |                                                                                                                |                                         |                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------|
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                           | demand rate according to SN                                                                                                                                                                                                                                                                                                                                                                           | 1 31920 1 000                                                                                                                                                                                                                                                                                                             | 000                                                                                                            |                                         |                                             |
| proportion of dange                                                                                                                                                                                                                                                                                                                                                                                                                         | erous failures                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                           |                                                                                                                |                                         |                                             |
| <ul> <li>with low dema</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                           | nd rate according to SN 319                                                                                                                                                                                                                                                                                                                                                                           | 20 40 %                                                                                                                                                                                                                                                                                                                   |                                                                                                                |                                         |                                             |
| <ul> <li>with high dema</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                          | and rate according to SN 319                                                                                                                                                                                                                                                                                                                                                                          | 920 73 %                                                                                                                                                                                                                                                                                                                  |                                                                                                                |                                         |                                             |
| failure rate [FIT] with                                                                                                                                                                                                                                                                                                                                                                                                                     | low demand rate according                                                                                                                                                                                                                                                                                                                                                                             | to SN 31920 100 F                                                                                                                                                                                                                                                                                                         | ΞIT                                                                                                            |                                         |                                             |
| T1 value for proof tes<br>61508                                                                                                                                                                                                                                                                                                                                                                                                             | st interval or service life acco                                                                                                                                                                                                                                                                                                                                                                      | rding to IEC 20 a                                                                                                                                                                                                                                                                                                         |                                                                                                                |                                         |                                             |
| protection class IP                                                                                                                                                                                                                                                                                                                                                                                                                         | on the front according to I                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                           |                                                                                                                |                                         |                                             |
| •                                                                                                                                                                                                                                                                                                                                                                                                                                           | the front according to IEC                                                                                                                                                                                                                                                                                                                                                                            | 60529 finger                                                                                                                                                                                                                                                                                                              | r-safe, for vertical contac                                                                                    | ct from the front                       |                                             |
| suitability for use                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                           |                                                                                                                |                                         |                                             |
| <ul> <li>safety-related</li> <li>ertificates/ approval</li> </ul>                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                                                                                                                                                                                                                                       |                                                                                                                |                                         |                                             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                           |                                                                                                                |                                         |                                             |
| General Product Ap                                                                                                                                                                                                                                                                                                                                                                                                                          | oproval                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                           |                                                                                                                |                                         |                                             |
| (SP)                                                                                                                                                                                                                                                                                                                                                                                                                                        | <u>Confirmation</u>                                                                                                                                                                                                                                                                                                                                                                                   | CCC CCC                                                                                                                                                                                                                                                                                                                   |                                                                                                                | <u>KC</u>                               | EHC                                         |
| EMC                                                                                                                                                                                                                                                                                                                                                                                                                                         | Functional<br>Safety/Safety of Ma-<br>chinery                                                                                                                                                                                                                                                                                                                                                         | Declaration of Confor                                                                                                                                                                                                                                                                                                     | mity                                                                                                           | Test Certificates                       |                                             |
| RCM                                                                                                                                                                                                                                                                                                                                                                                                                                         | Type Examination Cer-<br>tificate                                                                                                                                                                                                                                                                                                                                                                     | CE<br>EG-Konf.                                                                                                                                                                                                                                                                                                            | UK<br>CA                                                                                                       | Type Test Certific-<br>ates/Test Report | <u>Special Test Certific-</u><br><u>ate</u> |
| Marine / Shipping                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                           |                                                                                                                |                                         |                                             |
| ABS                                                                                                                                                                                                                                                                                                                                                                                                                                         | BUREAU<br>VERITAS                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                           | Lloyd's<br>Register<br>urs                                                                                     | PRS                                     | RINA                                        |
| Marine / Shipping                                                                                                                                                                                                                                                                                                                                                                                                                           | other                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                           |                                                                                                                | Railway                                 | Environment                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | <u>Confirmation</u>                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                           | <u>Confirmation</u>                                                                                            | Vibration and Shock                     | Environmental Con-<br>firmations            |
| RMRS                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                       | VDE                                                                                                                                                                                                                                                                                                                       |                                                                                                                |                                         |                                             |
| RMRS<br>RMRS                                                                                                                                                                                                                                                                                                                                                                                                                                | ad to exit the Duceice more                                                                                                                                                                                                                                                                                                                                                                           | vDE                                                                                                                                                                                                                                                                                                                       |                                                                                                                |                                         |                                             |
| Siemens has decide<br>https://press.siemens<br>Siemens is working<br>Please contact your I<br>EAC relevant market<br>Information on the J                                                                                                                                                                                                                                                                                                   | ed to exit the Russian mark<br>s.com/global/en/pressrelease<br>on the renewal of the curr<br>local Siemens office on the s<br>: (other than the sanctioned E<br>packaging<br>rv.siemens.com/cs/ww/en/vi                                                                                                                                                                                               | ersteinens-wind-down-russ<br>ent EAC certificates.<br>tatus of validity of the EAC<br>EAEU member states Rus                                                                                                                                                                                                              | C certification if you inte                                                                                    | nd to import or offer to supp           | ly these products to an                     |
| Siemens has decide<br>https://press.siemens<br>Siemens is working<br>Please contact your I<br>EAC relevant market<br>Information on the p<br>https://support.indust<br>Information- and Do<br>https://www.siemens                                                                                                                                                                                                                           | s.com/global/en/pressrelease<br>on the renewal of the curr<br>local Siemens office on the s<br>(other than the sanctioned E<br>packaging<br>try.siemens.com/cs/ww/en/vi<br>pwnloadcenter (Catalogs, E<br>.com/ic10                                                                                                                                                                                    | evisionens-wind-down-russ<br>ent EAC certificates.<br>tatus of validity of the EAC<br>EAEU member states Rus<br>ew/109813875                                                                                                                                                                                              | C certification if you inte                                                                                    | nd to import or offer to supp           | ly these products to an                     |
| Siemens has decide<br>https://press.siemens<br>Siemens is working<br>Please contact your I<br>EAC relevant market<br>Information on the<br>https://support.indust<br>Information- and Do<br>https://www.siemens<br>Industry Mall (Onlin<br>https://mall.industry.s<br>Cax online generato                                                                                                                                                   | s.com/global/en/pressrelease<br>on the renewal of the curr<br>local Siemens office on the s<br>(other than the sanctioned E<br>packaging<br>iry.siemens.com/cs/ww/en/vi<br>pownloadcenter (Catalogs, E<br>.com/ic10<br>le ordering system)<br>siemens.com/mall/en/en/Cata<br>or                                                                                                                       | Asignmens-wind-down-russ<br>ent EAC certificates.<br>tatus of validity of the EAC<br>EAEU member states Rus<br>ew/109813875<br>Brochures,)                                                                                                                                                                                | C certification if you inte<br>ssia or Belarus).<br><u>018-2AF01</u>                                           |                                         | ly these products to an                     |
| Siemens has decide<br>https://press.siemens<br>Siemens is working<br>Please contact your I<br>EAC relevant market<br>Information on the p<br>https://support.indust<br>Information- and Do<br>https://www.siemens<br>Industry Mall (Onlin<br>https://mall.industry.s<br>Cax online generato<br>http://support.automa<br>Service&Support (N                                                                                                  | s.com/global/en/pressrelease<br>on the renewal of the curr<br>local Siemens office on the s<br>cother than the sanctioned E<br>packaging<br>try.siemens.com/cs/ww/en/vi<br>pwnloadcenter (Catalogs, E<br>.com/ic10<br>the ordering system)<br>siemens.com/mall/en/en/Cata                                                                                                                             | Asignmens-wind-down-russ<br>ent EAC certificates.<br>tatus of validity of the EAC<br>AEU member states Rus<br>ew/109813875<br>Brochures,)<br>alog/product?mlfb=3RT20<br>order/default.aspx?lang=(<br>acteristics, FAQs,)                                                                                                  | C certification if you inte<br>ssia or Belarus).<br><u>018-2AF01</u>                                           |                                         | ly these products to an                     |
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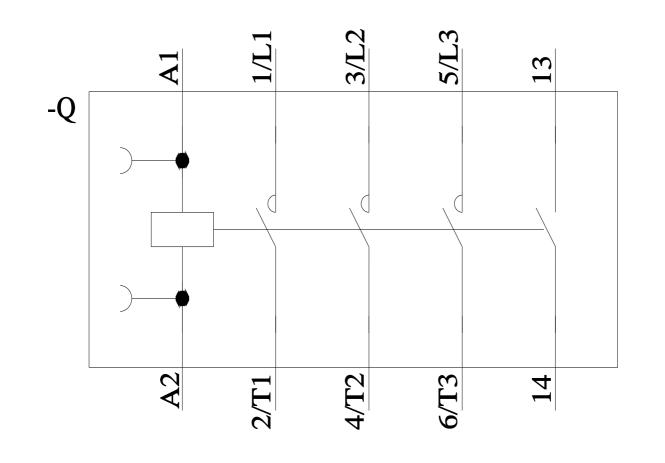








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