# **SIEMENS**

Data sheet 3RT2526-1BG40



power contactor, AC-3, 25 A, 11 kW / 400 V, 4-pole, 125 V DC, main contacts: 2 NO + 2 NC, auxiliary contacts: 1 NO + 1 NC, screw terminal, size: S0

| product brand name SIRIUS product total paration contactor product type designation Size of contactor size of contactor Size of contactor  • function module for communication • function with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of main circuit that degree of pollution 3 rated value • of main circuit rated value • of main circuit rated value • of main circuit rated value • of auxiliary circuit rated value • of main circuit rated value • of auxiliary circuit rated value • of auxiliary since with sine pulse • at DC  shock resistance at rectangular impulse • at DC  nechanical service life (operating cycles) • of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with | and death and a second   | OIDILIO                  |
|--|--|--------------------------|
| product type designation 3RT25  General technical data  size of contactor Size of contactor  • function module for communication • a wildingry switch  • of main circuit with degree of pollution 3 rated value • of awalidingry circuit with degree of pollution 3 rated value • of main circuit rated value • of main circuit rated value • of main circuit rated value • of awalidingry circuit value • of walidingry circuit valu | -  |                          |
| Size of contactor S0 product extension • function module for communication • auxiliary switch • of auxiliary switch • of auxiliary switch • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit rated value • at DC  shock resistance at ectangular impulse • at DC  shock resistance with sine pulse • at DC  shock resistance with sine pulse • of contactor typical • of contactor with added electronically optimized auxiliary switch block typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with  |  |                          |
| size of contactor product extension • function module for communication • function module for communication • function module for communication • auxiliary switch • of main circuit with degree of pollution 3 rated value • of main circuit rated value • of succession of the contactor with according to EN 60947-1  maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1  shock resistance at rectangular impulse • at DC  10g / 5 ms, 7,5g / 10 ms  mechanical service life (operating cycles) • of contactor with sine pulse • at DC  15g / 5 ms, 10g / 10 ms  mechanical service life (operating cycles) • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary sw |  | 3RT25                    |
| product extension  • function module for communication • auxiliary switch • auxiliary switch • of main circuit with degree of pollution 3 rated value • of main circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of auxiliary circuit with degree of pollution 3 rated value • of of auxiliary circuit with degree of pollution 3 rated value • of of auxiliary circuit with degree of pollution 3 rated value • of of auxiliary circuit with degree of pollution 3 rated value • of of auxiliary circuit with degree of pollution 3 rated value • of of auxiliary circuit with degree of pollution 3 rated value • of of auxiliary circuit with degree of pollution 3 rated value • of of auxiliary circuit with degree of pollution 3 rated value • of of auxiliary circuit rated value • of of auxiliary circuit rated value • of auxiliary membratishile voltage for protective separation between • old DC  **Toda Wall of the contactor with auxiliary for protective separation between • of the contactor with added electronically optimized • of the contactor with added electronically optimized • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typica |  |                          |
| function module for communication   No   | size of contactor  | S0                       |
| insulation voltage  of main circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of auxiliary circuit with degree of pollution 3 rated value of main circuit rated value of main circuit rated value of main circuit rated value of auxiliary circuit rated value oli and main contacts according to EN 60947-1  shock resistance at rectangular impulse o at DC 10g / 5 ms, 7.5g / 10 ms  shock resistance with sine pulse of contactor typical of the contactor with added electronically optimized auxiliary switch block typical of the contactor with added auxiliary switch  | product extension  |                          |
| insulation voltage  • of main circuit with degree of pollution 3 rated value  • of auxiliary circuit with degree of pollution 3 rated value  • of auxiliary circuit with degree of pollution 3 rated value  • of main circuit rated value  • of main circuit rated value  • of main circuit rated value  • of auxiliary circuit rated value  • of the Cortactor is pulse  • of DC  shock resistance at rectangular impulse  • at DC  shock resistance with sine pulse  • at DC  shock resistance with sine pulse  • of the contactor with added electronically optimized  auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor typical  • of | <ul> <li>function module for communication</li> </ul>                          | No                       |
| of main circuit with degree of pollution 3 rated value     of auxiliary circuit with degree of pollution 3 rated value     of main circuit rated value     of main circuit rated value     of main circuit rated value     of auxiliary circuit rated value     of auxiliary circuit rated value     of auxiliary circuit rated value     ad    bk V  maximum permissible voltage for protective separation between coil and main contacts according to EN 69947-1  shock resistance at rectangular impulse     of the Contactor with sine pulse     of contactor with sine pulse     of contactor vitypical     of the contactor with added electronically optimized auxiliary switch block typical     of the contactor with added auxiliary      | auxiliary switch   | Yes                      |
| of auxiliary circuit with degree of pollution 3 rated value     surge voltage resistance     of main circuit rated value     of auxiliary circuit value     of auxiliary circuit value     of contactor with auxiliary circuit value     of auxiliary circuit value     of the contactor with auxiliary switch block typical     of the contactor with auxiliary switch block typical     of the contactor with added electronically optimized auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the co      | insulation voltage   |                          |
| surge voltage resistance  • of main circuit rated value  • of auxiliary circuit rated value  6 kV  maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1  shock resistance at rectangular impulse  • at DC  10g / 5 ms, 7,5g / 10 ms  shock resistance with sine pulse  • at DC  15g / 5 ms, 10g / 10 ms  mechanical service life (operating cycles)  • of contactor typical  • of the contactor with added electronically optimized auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  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  • during storage  relative humidity minimum  10 %  relative humidity at 55 °C according to IEC 60068-2-30  maximum  Main circuit  number of NO contacts for main current circuit  number of NO contacts for main contacts  2 operational current  2 coperational current  | <ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>     | 690 V                    |
| of main circuit rated value     of auxiliary circuit rated value     of auxiliary circuit rated value     of auxiliary circuit rated value     maximum permissible voltage for protective separation between coll and main contacts according to EN 60947-1  shock resistance at rectangular impulse     at DC     10g / 5 ms, 7.5g / 10 ms  shock resistance with sine pulse     at DC     15g / 5 ms, 10g / 10 ms  mechanical service life (operating cycles)     of contactor typical     of the contactor with added electronically optimized auxiliary switch block typical     of the contactor with added      | of auxiliary circuit with degree of pollution 3 rated value                    | 690 V                    |
| of auxiliary circuit rated value     maximum permissible voltage for protective separation between coll and main contacts according to EN 60947-1  shock resistance at rectangular impulse     oat DC     10g / 5 ms, 7,5g / 10 ms  shock resistance with sine pulse     oat DC     15g / 5 ms, 10g / 10 ms  mechanical service life (operating cycles)     of contactor typical     of the contactor with added electronically optimized auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor (Date)      reference code according to IEC 81346-2     Q  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum     ambient temperature     ouring operation     of uring storage     relative humidity minimum     relative humidity minimum     relative humidity at 55 °C according to IEC 60068-2-30     maximum  Main circuit  number of NO contacts for main contacts     2  number of NC contacts for main contacts     2  operational current  | surge voltage resistance   |                          |
| maximum permissible voltage for protective separation between coll and main contacts according to EN 60947-1  shock resistance at rectangular impulse  | of main circuit rated value  | 6 kV                     |
| shock resistance at rectangular impulse  • at DC  at DC  15g / 5 ms, 7,5g / 10 ms  shock resistance with sine pulse • at DC  at DC  of contactor typical • of the contactor with added electronically optimized auxiliary switch block typical • of the contactor with added auxiliary switch block typical • of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  installation altitude at height above sea level maximum  ambient conditions  installation altitude at height above sea level maximum  ambient temperature • during operation • during storage  relative humidity minimum  10 %  relative humidity at 55 °C according to IEC 60068-2-30 maximum  main circuit  number of poles for main current circuit  number of NO contacts for main contacts  2 operational current  2 contacts for main contacts  2 operational current  | of auxiliary circuit rated value   | 6 kV                     |
| at DC  shock resistance with sine pulse  at DC  mechanical service life (operating cycles)  of contactor typical  of the contactor with added electronically optimized auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added electronically optimized  auxiliary switch block typical  10 000 000  of the contactor with added electronically optimized  auxiliary switch block typical  10 000 000  of the contactor with added electronically optimized  auxiliary switch block typical  10 000 000  of the contactor with added electronically optimized  auxiliary switch block typical  10 000 000  of the contactor with added electronically optimized  auxiliary switch block typical  10 000 000  of the contactor with added electronically optimized  auxiliary switch block typical  10 000 000  of the contactor with added electronically optimized  auxiliary switch block typical  along 10 000 000  of the contactor with added electronically optimized  auxiliary switch block typical  along 10 000 000  of the contactor with added electronically optimized  auxiliary switch block typical  along 10 000 000  of auxiliary switch block typical  along 10 000 000  of auxiliary switch block typical  along 10 000 000    |  | 400 V                    |
| shock resistance with sine pulse  at DC  15g / 5 ms, 10g / 10 ms  mechanical service life (operating cycles)  of contactor typical  of the contactor with added electronically optimized auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added auxiliary switch block typical  of the contactor with added electronically optimized auxiliary switch block typical  of the contactor with added electronically optimized auxiliary switch block typical  of the contactor typical  of the contactor with added electronically optimized auxiliary switch block typical  of the contactor typical  of t | shock resistance at rectangular impulse  |                          |
| • at DC  mechanical service life (operating cycles)  • of contactor typical  • of the contactor with added electronically optimized auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  reference code according to IEC 81346-2  Q Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  relative humidity minimum  relative humidity at 55 °C according to IEC 60068-2-30 maximum  Main circuit  number of poles for main current circuit  number of NO contacts for main contacts  2 operational current  | • at DC  | 10g / 5 ms, 7,5g / 10 ms |
| mechanical service life (operating cycles)  • of contactor typical  • of the contactor with added electronically optimized auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor with added auxiliary switch block typical  • of the contactor ty | shock resistance with sine pulse   |                          |
| of contactor typical     of the contactor with added electronically optimized auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     reference code according to IEC 81346-2     Q Substance Prohibitance (Date)     Ambient conditions installation altitude at height above sea level maximum     ambient temperature     oduring operation     oduring storage     during storage     relative humidity minimum     10 % relative humidity minimum     10 % relative humidity at 55 °C according to IEC 60068-2-30     maximum  Main circuit number of poles for main current circuit number of NO contacts for main contacts     2 number of NC contacts for main contacts     2 operational current  | • at DC  | 15g / 5 ms, 10g / 10 ms  |
| of the contactor with added electronically optimized auxiliary switch block typical     of the contactor with added auxiliary switch block typical     of the contactor with added auxiliary switch block typical     reference code according to IEC 81346-2     Q Substance Prohibitance (Date)     10/01/2009  Ambient conditions installation altitude at height above sea level maximum     ambient temperature     oduring operation     during storage     during storage     relative humidity minimum     10 % relative humidity at 55 °C according to IEC 60068-2-30 maximum  Main circuit number of poles for main current circuit number of NO contacts for main contacts     2 number of NC contacts for main contacts     2 operational current  | mechanical service life (operating cycles)                                     |                          |
| auxiliary switch block typical  of the contactor with added auxiliary switch block typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  of during operation  current sort according to IEC 60068-2-30  maximum  Main circuit  number of Poles for main current circuit  number of NC contacts for main contacts  poperational current  2 000 m  3 000 m  4 000 m  4 000 m  5 00 m  6 00 m  7 00 m  8 00 m  9 00 m   | of contactor typical   | 10 000 000               |
| reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009  Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature   |  | 5 000 000                |
| Substance Prohibitance (Date)  Ambient conditions  installation altitude at height above sea level maximum  ambient temperature  • during operation  • during storage  relative humidity minimum  10 %  relative humidity at 55 °C according to IEC 60068-2-30 maximum  Main circuit  number of poles for main current circuit  number of NC contacts for main contacts  number of NC contacts for main contacts  2 operational current  | <ul> <li>of the contactor with added auxiliary switch block typical</li> </ul> | 10 000 000               |
| installation altitude at height above sea level maximum  ambient temperature  during operation during storage  relative humidity minimum  10 %  relative humidity at 55 °C according to IEC 60068-2-30 maximum  Main circuit  number of poles for main current circuit number of NO contacts for main contacts number of NC contacts for main contacts  poperational current  2 000 m  4 000 °C  2 000 °C  3 000 °C  4 000 °C  | reference code according to IEC 81346-2  | Q                        |
| installation altitude at height above sea level maximum  ambient temperature  during operation  during storage  relative humidity minimum  relative humidity at 55 °C according to IEC 60068-2-30 maximum  Main circuit  number of poles for main current circuit  number of NO contacts for main contacts  number of NC contacts for main contacts  operational current  2 000 m  -25 +60 °C  -55 +80 °C  95 %  95 %  | Substance Prohibitance (Date)  | 10/01/2009               |
| ambient temperature  • during operation • during storage • during storage -55 +80 °C  relative humidity minimum 10 %  relative humidity at 55 °C according to IEC 60068-2-30 maximum  Main circuit  number of poles for main current circuit 10 mumber of NO contacts for main contacts 10 mumber of NC contacts for main contacts 2 coperational current  | Ambient conditions   |                          |
| <ul> <li>during operation         <ul> <li>during storage</li> <li>-55 +80 °C</li> </ul> </li> <li>relative humidity minimum</li></ul>   | installation altitude at height above sea level maximum                        | 2 000 m                  |
| during storage   | ambient temperature  |                          |
| relative humidity minimum  relative humidity at 55 °C according to IEC 60068-2-30 maximum  Main circuit  number of poles for main current circuit  number of NO contacts for main contacts number of NC contacts for main contacts 2 number of NC contacts for main contacts 2 operational current   | <ul> <li>during operation</li> </ul>   | -25 +60 °C               |
| relative humidity at 55 °C according to IEC 60068-2-30 maximum  Main circuit  number of poles for main current circuit  number of NO contacts for main contacts number of NC contacts for main contacts 2 operational current  | during storage   | -55 +80 °C               |
| maximum  Main circuit  number of poles for main current circuit 4  number of NO contacts for main contacts 2  number of NC contacts for main contacts 2  operational current   | relative humidity minimum  | 10 %                     |
| number of poles for main current circuit 4 number of NO contacts for main contacts 2 number of NC contacts for main contacts 2 operational current   |  | 95 %                     |
| number of NO contacts for main contacts  number of NC contacts for main contacts  operational current  | Main circuit   |                          |
| number of NC contacts for main contacts 2 operational current  | number of poles for main current circuit                                       | 4                        |
| operational current  | number of NO contacts for main contacts  | 2                        |
|  | number of NC contacts for main contacts  | 2                        |
| • at AC-1 up to 690 V  | operational current  |                          |
|  | • at AC-1 up to 690 V  |                          |

| — at ambient temperature 40 °C rated value   | 40 A  |
|--|---|
| — at ambient temperature 60 °C rated value   | 35 A  |
| • at AC-2 at AC-3 at 400 V   |   |
| per NO contact rated value   | 25 A  |
| per NC contact rated value   | 20 A  |
| minimum cross-section in main circuit at maximum AC-1 rated value                        | 10 mm <sup>2</sup>  |
| operational current  |   |
| at 1 current path at DC-1  |   |
| — at 24 V rated value  | 35 A  |
| — at 110 V rated value   | 4.5 A   |
| — at 220 V rated value   | 1 A   |
| — at 440 V rated value   | 0.4 A   |
| <ul> <li>with 2 current paths in series at DC-1</li> </ul>                               |   |
| — at 24 V rated value  | 35 A  |
| — at 110 V rated value   | 35 A  |
| — at 220 V rated value   | 5 A   |
| — at 440 V rated value   | 1 A   |
| at 1 current path at DC-3 at DC-5  |   |
| — at 24 V per NC contact rated value   | 20 A  |
| — at 24 V per NO contact rated value   | 20 A  |
| — at 110 V per NC contact rated value  | 1.25 A  |
| — at 110 V per NO contact rated value  | 2.5 A   |
| — at 220 V per NC contact rated value  | 0.5 A   |
| — at 220 V per NO contact rated value  | 1 A   |
| — at 440 V per NC contact rated value  | 0.045 A   |
| — at 440 V per NO contact rated value  | 0.09 A  |
| with 2 current paths in series at DC-3 at DC-5   |   |
| — at 24 V per NC contact rated value   | 35 A  |
| — at 24 V per NO contact rated value   | 35 A  |
| — at 110 V per NC contact rated value  | 7.5 A   |
| — at 110 V per NO contact rated value  | 15 A  |
| — at 220 V per NC contact rated value  | 1.5 A   |
| — at 220 V per NO contact rated value  | 3 A   |
| — at 440 V per NC contact rated value  | 0.135 A   |
| at 440 V per NO contact rated value  | 0.27 A  |
| operating power at AC-2 at AC-3  |   |
| at 230 V per NC contact rated value  | 5.5 kW  |
| at 230 V per NO contact rated value  | 5.5 kW  |
| at 400 V per NC contact rated value  | 7.5 kW  |
| at 400 V per NO contact rated value  | 11 kW   |
| short-time withstand current in cold operating state up to                               |   |
| 40 °C  |   |
| <ul> <li>limited to 1 s switching at zero current maximum</li> </ul>                     | 200 A; Use minimum cross-section acc. to AC-1 rated value |
| <ul> <li>limited to 5 s switching at zero current maximum</li> </ul>                     | 200 A; Use minimum cross-section acc. to AC-1 rated value |
| <ul> <li>limited to 10 s switching at zero current maximum</li> </ul>                    | 200 A; Use minimum cross-section acc. to AC-1 rated value |
| <ul> <li>limited to 30 s switching at zero current maximum</li> </ul>                    | 128 A; Use minimum cross-section acc. to AC-1 rated value |
| Iimited to 60 s switching at zero current maximum  | 106 A; Use minimum cross-section acc. to AC-1 rated value |
| power loss [W] at AC-3 at 400 V for rated value of the operational current per conductor | 1.6 W   |
| no-load switching frequency  |   |
| • at AC  | 5 000 1/h   |
| • at DC  | 1 500 1/h   |
| operating frequency  |   |
| at AC-1 maximum  | 1 000 1/h   |
| Control circuit/ Control   |   |
| type of voltage of the control supply voltage  | DC  |
|  | DC  |
| control supply voltage at DC   |   |
| control supply voltage at DC  • rated value  | 125 V   |
| rated value  |   |
|  |   |

| full-scale value   | 1.1  |  |  |
|--|--|--|--|
| closing power of magnet coil at DC                                   | 5.9 W  |  |  |
| holding power of magnet coil at DC                                   | 5.9 W  |  |  |
|  | 5.9 W  |  |  |
| closing delay  | 50 170 ms  |  |  |
| opening delay  | OU 17 U 1115   |  |  |
| • at DC  | 15 18 ms   |  |  |
| arcing time  | 10 10 ms   |  |  |
| Auxiliary circuit  | 16 16 1116   |  |  |
| number of NC contacts for auxiliary contacts instantaneous           | 1  |  |  |
| number of NO contacts for auxiliary contacts instantaneous contact   | 1  |  |  |
| operational current at AC-12 maximum                                 | 10 A   |  |  |
| operational current at AC-15   | NOT  |  |  |
| at 230 V rated value   | 10 A   |  |  |
| at 400 V rated value   | 3 A  |  |  |
| at 500 V rated value     at 500 V rated value                        | 2 A  |  |  |
| at 690 V rated value   | 1A   |  |  |
| operational current at DC-12   | IA .   |  |  |
| • at 24 V rated value  | 10 A   |  |  |
| at 24 V rated value      at 48 V rated value                         | 6 A  |  |  |
|  |  |  |  |
| at 110 V rated value   | 6 A  |  |  |
| at 110 V rated value     at 125 V rated value                        | 3 A  |  |  |
| at 125 V rated value     at 220 V rated value                        | 2 A  |  |  |
| at 220 V rated value     at 600 V rated value                        | 1.6  |  |  |
| • at 600 V rated value   | 0.15 A   |  |  |
| operational current at DC-13   | 40.4   |  |  |
| • at 24 V rated value  | 10 A   |  |  |
| • at 48 V rated value  | 2 A  |  |  |
| • at 60 V rated value  | 2 A  |  |  |
| at 110 V rated value   | 1 A  |  |  |
| at 125 V rated value   | 0.9 A  |  |  |
| at 220 V rated value   | 0.3 A  |  |  |
| at 600 V rated value   | 0.1 A  |  |  |
| contact reliability of auxiliary contacts                            | 1 faulty switching per 100 million (17 V, 1 mA)  |  |  |
| UL/CSA ratings   |  |  |  |
| yielded mechanical performance [hp]                                  |  |  |  |
| <ul> <li>for single-phase AC motor at 230 V rated value</li> </ul>   | 3 hp   |  |  |
| • for 3-phase AC motor at 460/480 V rated value                      | 15 hp  |  |  |
| contact rating of auxiliary contacts according to UL                 | A600 / Q600  |  |  |
| Short-circuit protection   |  |  |  |
| design of the fuse link  |  |  |  |
| <ul> <li>for short-circuit protection of the main circuit</li> </ul> |  |  |  |
| <ul> <li>— with type of coordination 1 required</li> </ul>           | gG: 63 A (690 V, 100 kA)   |  |  |
| — with type of assignment 2 required                                 | gG: 35 A (690 V, 50 kA)  |  |  |
| for short-circuit protection of the auxiliary switch required        | fuse gG: 10 A  |  |  |
| Installation/ mounting/ dimensions                                   |  |  |  |
| mounting position  | +/-180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5° on vertical mounting surface |  |  |
| fastening method   | screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 50022   |  |  |
| • side-by-side mounting  | Yes  |  |  |
| height   | 85 mm  |  |  |
| width  | 61 mm  |  |  |
| depth  | 107 mm   |  |  |
| required spacing   |  |  |  |
| with side-by-side mounting   |  |  |  |
| — forwards   | 0 mm   |  |  |
| — backwards  | 0 mm   |  |  |
| — upwards  | 0 mm   |  |  |
| — downwards  | 0 mm   |  |  |
|  |  |  |  |

| — at the side   | 0 mm   |     |
|---|--|-----|
| for grounded parts  |  |     |
| — forwards  | 0 mm   |     |
| — backwards   | 0 mm   |     |
| — upwards   | 0 mm   |     |
| — at the side   | 6 mm   |     |
| — downwards   | 0 mm   |     |
| for live parts  |  |     |
| — forwards  | 0 mm   |     |
| — backwards   | 0 mm   |     |
| — upwards   | 0 mm   |     |
| — downwards   | 0 mm   |     |
| — at the side   | 6 mm   |     |
| Connections/ Terminals  |  |     |
| type of electrical connection   |  |     |
| • for main current circuit  | screw-type terminals                             |     |
| <ul> <li>for auxiliary and control circuit</li> </ul>                     | screw-type terminals                             |     |
| <ul> <li>at contactor for auxiliary contacts</li> </ul>                   | Screw-type terminals                             |     |
| of magnet coil  | Screw-type terminals                             |     |
| type of connectable conductor cross-sections for main contacts            |  |     |
| • solid   | 2x (1 2.5 mm²), 2x (2.5 10 mm²)                  |     |
| solid or stranded   | 2x (1 2.5 mm²), 2x (2.5 10 mm²)                  |     |
| finely stranded with core end processing                                  | 2x (1 2.5 mm²), 2x (2.5 6 mm²), 1x 10 mm²        |     |
| type of connectable conductor cross-sections                              |  |     |
| <ul> <li>for auxiliary contacts</li> </ul>                                |  |     |
| — solid   | 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)              |     |
| — solid or stranded   | 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)              |     |
| <ul> <li>finely stranded with core end processing</li> </ul>              | 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)              |     |
| for AWG cables for auxiliary contacts                                     | 2x (20 16), 2x (18 14)                           |     |
| AWG number as coded connectable conductor cross section for main contacts | 16 8   |     |
| Safety related data   |  |     |
| product function  |  |     |
| <ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>             | Yes  |     |
| positively driven operation according to IEC 60947-5-1                    | No   |     |
| T1 value for proof test interval or service life according to IEC 61508   | 20 a   |     |
| protection class IP on the front according to IEC 60529                   | IP20   |     |
| touch protection on the front according to IEC 60529                      | finger-safe, for vertical contact from the front |     |
| Certificates/ approvals   |  |     |
| General Product Approval  |  | EMC |





Confirmation







Functional Safety/Safety of Machinery

**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping

Type Examination Certificate





Special Test Certificate

Type Test Certificates/Test Report



Marine / Shipping

other













other Railway Dangerous Good Environment



Vibration and Shock Transport Information

Environmental Confirmations

#### **Further information**

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

## Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

## Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2526-1BG40

### Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2526-1BG40

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3RT2526-1BG40

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

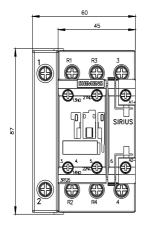
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2526-1BG40&lang=en

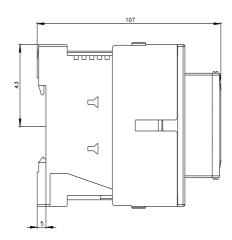
Characteristic: Tripping characteristics, I2t, Let-through current

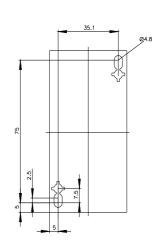
https://support.industry.siemens.com/cs/ww/en/ps/3RT2526-1BG40/char

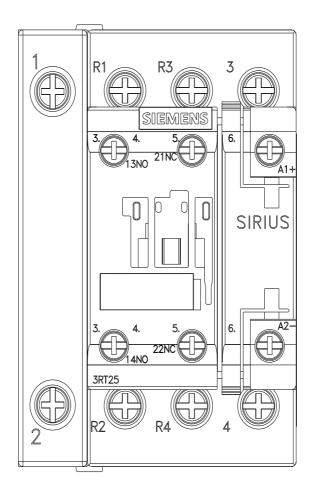
Further characteristics (e.g. electrical endurance, switching frequency)

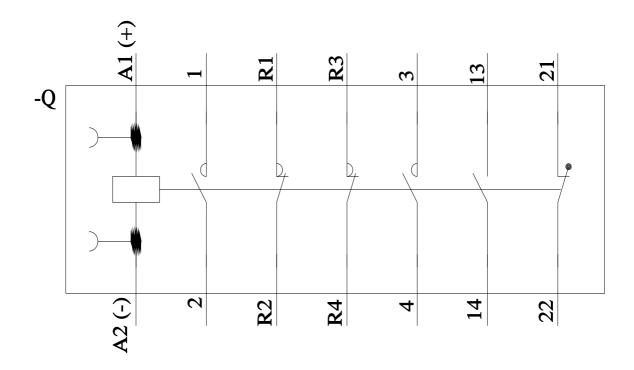
http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2526-1BG40&objecttype=14&gridview=view1











last modified: 11/21/2022 🖸