## **SIEMENS**

Data sheet 3RT2046-1AL20



power contactor, AC-3e/AC-3, 95 A, 45 kW / 400 V, 3-pole, 230 V AC, 50/60 Hz, auxiliary contacts: 1 NO + 1 NC, screw terminal, size: S3  $\,$ 

| product brand name                                                                                           | SIRIUS                     |
|--------------------------------------------------------------------------------------------------------------|----------------------------|
| product designation                                                                                          | Power contactor            |
| product type designation                                                                                     | 3RT2                       |
| General technical data                                                                                       |                            |
| size of contactor                                                                                            | S3                         |
| product extension                                                                                            |                            |
| function module for communication                                                                            | No                         |
| auxiliary switch                                                                                             | Yes                        |
| power loss [W] for rated value of the current                                                                |                            |
| at AC in hot operating state                                                                                 | 19.8 W                     |
| at AC in hot operating state per pole                                                                        | 6.6 W                      |
| without load current share typical                                                                           | 25 W                       |
| type of calculation of power loss depending on pole                                                          | quadratic                  |
| insulation voltage                                                                                           |                            |
| <ul> <li>of main circuit with degree of pollution 3 rated value</li> </ul>                                   | 1 000 V                    |
| • of auxiliary circuit with degree of pollution 3 rated value                                                | 690 V                      |
| surge voltage resistance                                                                                     |                            |
| of main circuit rated value                                                                                  | 8 kV                       |
| of auxiliary circuit rated value                                                                             | 6 kV                       |
| maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 | 690 V                      |
| shock resistance at rectangular impulse                                                                      |                            |
| • at AC                                                                                                      | 10.3g / 5 ms, 6,.g / 10 ms |
| shock resistance with sine pulse                                                                             |                            |
| • at AC                                                                                                      | 16.3g / 5 ms, 10.g / 10 ms |
| mechanical service life (operating cycles)                                                                   |                            |
| of contactor typical                                                                                         | 10 000 000                 |
| <ul> <li>of the contactor with added electronically optimized<br/>auxiliary switch block typical</li> </ul>  | 5 000 000                  |
| of the contactor with added auxiliary switch block typical                                                   | 10 000 000                 |
| reference code according to IEC 81346-2                                                                      | Q                          |
| Substance Prohibitance (Date)                                                                                | 03/01/2017                 |
| 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 %                       |
| Environmental footprint                                                                                      |                            |

| Environmental Product Declaration(EPD)                                  | Yes      |
|-------------------------------------------------------------------------|----------|
| Global Warming Potential [CO2 eq] total                                 | 405 kg   |
| Global Warming Potential [CO2 eq] during manufacturing                  | 7.66 kg  |
| Global Warming Potential [CO2 eq] during operation                      | 399 kg   |
| Global Warming Potential [CO2 eq] after end of life                     | -1.19 kg |
| Main circuit                                                            |          |
| number of poles for main current circuit                                | 3        |
| number of NO contacts for main contacts                                 | 3        |
| operating voltage                                                       |          |
| <ul> <li>at AC-3 rated value maximum</li> </ul>                         | 1 000 V  |
| at AC-3e rated value maximum                                            | 1 000 V  |
| operational current                                                     |          |
| at AC-1 at 400 V at ambient temperature 40 °C rated  value              | 130 A    |
| value                                                                   |          |
| — up to 690 V at ambient temperature 40 °C rated                        | 130 A    |
| value                                                                   | 130 A    |
| — up to 690 V at ambient temperature 60 °C rated                        | 110 A    |
| value                                                                   |          |
| • at AC-3                                                               |          |
| — at 400 V rated value                                                  | 95 A     |
| — at 500 V rated value                                                  | 95 A     |
| — at 690 V rated value                                                  | 78 A     |
| — at 1000 V rated value                                                 | 30 A     |
| • at AC-3e                                                              |          |
| — at 400 V rated value                                                  | 95 A     |
| — at 500 V rated value                                                  | 95 A     |
| — at 690 V rated value                                                  | 78 A     |
| — at 1000 V rated value                                                 | 30 A     |
| <ul> <li>at AC-4 at 400 V rated value</li> </ul>                        | 80 A     |
| at AC-5a up to 690 V rated value                                        | 114 A    |
| <ul> <li>at AC-5b up to 400 V rated value</li> </ul>                    | 95 A     |
| • at AC-6a                                                              |          |
| <ul> <li>up to 230 V for current peak value n=20 rated value</li> </ul> | 84.4 A   |
| <ul> <li>up to 400 V for current peak value n=20 rated value</li> </ul> | 84.4 A   |
| <ul> <li>up to 500 V for current peak value n=20 rated value</li> </ul> | 84.4 A   |
| — up to 690 V for current peak value n=20 rated value                   | 58 A     |
| • at AC-6a                                                              |          |
| <ul> <li>up to 230 V for current peak value n=30 rated value</li> </ul> | 56.3 A   |
| <ul> <li>up to 400 V for current peak value n=30 rated value</li> </ul> | 56.3 A   |
| <ul> <li>up to 500 V for current peak value n=30 rated value</li> </ul> | 56.3 A   |
| — up to 690 V for current peak value n=30 rated value                   | 56.3 A   |
| minimum cross-section in main circuit at maximum AC-1 rated value       | 50 mm²   |
| operational current for approx. 200000 operating cycles at AC-4         |          |
| at 400 V rated value                                                    | 42 A     |
| at 690 V rated value                                                    | 30 A     |
| operational current                                                     |          |
| • at 1 current path at DC-1                                             |          |
| — at 24 V rated value                                                   | 100 A    |
| — at 60 V rated value                                                   | 60 A     |
| — at 110 V rated value                                                  | 9 A      |
| — at 220 V rated value                                                  | 2 A      |
| — at 440 V rated value                                                  | 0.6 A    |
| — at 600 V rated value                                                  | 0.4 A    |
| with 2 current paths in series at DC-1                                  |          |
| — at 24 V rated value                                                   | 100 A    |
| — at 60 V rated value                                                   | 100 A    |
| — at 110 V rated value                                                  | 100 A    |
| — at 220 V rated value                                                  | 10 A     |
| — at 440 V rated value                                                  | 1.8 A    |

| — at 600 V rated value                                                                               | 1 A                                                               |
|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <ul> <li>with 3 current paths in series at DC-1</li> </ul>                                           |                                                                   |
| — at 24 V rated value                                                                                | 100 A                                                             |
| — at 60 V rated value                                                                                | 100 A                                                             |
| — at 110 V rated value                                                                               | 100 A                                                             |
| — at 220 V rated value                                                                               | 80 A                                                              |
| — at 440 V rated value                                                                               | 4.5 A                                                             |
| — at 600 V rated value                                                                               | 2.6 A                                                             |
| • at 1 current path at DC-3 at DC-5                                                                  |                                                                   |
| — at 24 V rated value                                                                                | 40 A                                                              |
| — at 60 V rated value                                                                                | 6 A                                                               |
| — at 110 V rated value                                                                               | 2.5 A                                                             |
| — at 220 V rated value                                                                               | 1 A                                                               |
| — at 440 V rated value                                                                               | 0.15 A                                                            |
| — at 600 V rated value                                                                               | 0.06 A                                                            |
| <ul> <li>with 2 current paths in series at DC-3 at DC-5</li> </ul>                                   |                                                                   |
| — at 24 V rated value                                                                                | 100 A                                                             |
| — at 60 V rated value                                                                                | 100 A                                                             |
| — at 110 V rated value                                                                               | 100 A                                                             |
| — at 220 V rated value                                                                               | 7 A                                                               |
| — at 440 V rated value                                                                               | 0.42 A                                                            |
| — at 600 V rated value                                                                               | 0.16 A                                                            |
| <ul> <li>with 3 current paths in series at DC-3 at DC-5</li> </ul>                                   |                                                                   |
| — at 24 V rated value                                                                                | 100 A                                                             |
| — at 60 V rated value                                                                                | 100 A                                                             |
| — at 110 V rated value                                                                               | 100 A                                                             |
| — at 220 V rated value                                                                               | 35 A                                                              |
| — at 440 V rated value                                                                               | 0.8 A                                                             |
| — at 600 V rated value                                                                               | 0.35 A                                                            |
| operating power                                                                                      |                                                                   |
| • at AC-2 at 400 V rated value                                                                       | 45 kW                                                             |
| • at AC-3                                                                                            |                                                                   |
| — at 230 V rated value                                                                               | 22 kW                                                             |
| — at 400 V rated value                                                                               | 45 kW                                                             |
| — at 500 V rated value                                                                               | 55 kW                                                             |
| — at 690 V rated value                                                                               | 75 kW                                                             |
| — at 1000 V rated value                                                                              | 37 kW                                                             |
| • at AC-3e                                                                                           |                                                                   |
| — at 230 V rated value                                                                               | 22 kW                                                             |
| — at 400 V rated value                                                                               | 45 kW                                                             |
| — at 500 V rated value                                                                               | 55 kW                                                             |
| — at 690 V rated value                                                                               | 75 kW                                                             |
| — at 1000 V rated value                                                                              | 37 kW                                                             |
| operating power for approx. 200000 operating cycles at AC-                                           |                                                                   |
| 4                                                                                                    |                                                                   |
| • at 400 V rated value                                                                               | 22 kW                                                             |
| at 690 V rated value                                                                                 | 27.4 kW                                                           |
| operating apparent power at AC-6a                                                                    |                                                                   |
| • up to 230 V for current peak value n=20 rated value                                                | 33 kVA                                                            |
| • up to 400 V for current peak value n=20 rated value                                                | 58 kVA                                                            |
| • up to 500 V for current peak value n=20 rated value                                                | 73 kVA                                                            |
| • up to 690 V for current peak value n=20 rated value                                                | 69 kVA                                                            |
| operating apparent power at AC-6a                                                                    |                                                                   |
| • up to 230 V for current peak value n=30 rated value                                                | 22.4 kVA                                                          |
| • up to 400 V for current peak value n=30 rated value                                                | 39 kVA                                                            |
| • up to 500 V for current peak value n=30 rated value                                                | 48.7 kVA                                                          |
| • up to 690 V for current peak value n=30 rated value                                                | 67.3 kVA                                                          |
| short-time withstand current in cold operating state up to 40 °C                                     |                                                                   |
| Iimited to 1 s switching at zero current maximum                                                     | 1 725 A; Use minimum cross-section acc. to AC-1 rated value       |
| Ilmited to 1's switching at zero current maximum     Imited to 5 s switching at zero current maximum | 1 297 A; Use minimum cross-section acc. to AC-1 rated value       |
| - minica to 0 5 Switching at 2010 current maximum                                                    | 1 207 / 1, OSC Hillimitati Globo Section doc. to AC-1 rated value |

| limited to 10 s switching at zero current maximum                                                                                | Q46 A: Use minimum cross-section acc. to AC 1 rated value                                                           |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Ilimited to 10 s switching at zero current maximum     Ilimited to 30 s switching at zero current maximum                        | 946 A; Use minimum cross-section acc. to AC-1 rated value                                                           |
| <ul> <li>limited to 30 s switching at zero current maximum</li> <li>limited to 60 s switching at zero current maximum</li> </ul> | 610 A; Use minimum cross-section acc. to AC-1 rated value 486 A; Use minimum cross-section acc. to AC-1 rated value |
| no-load switching frequency                                                                                                      | 400 A, OSE MINIMUM CLOSS-SECTION ACC. TO AC-1 rated value                                                           |
| at AC                                                                                                                            | 5 000 1/h                                                                                                           |
| operating frequency                                                                                                              | 3 000 1/11                                                                                                          |
| at AC-1 maximum                                                                                                                  | 900 1/h                                                                                                             |
| • at AC-2 maximum                                                                                                                | 350 1/h                                                                                                             |
| • at AC-3 maximum                                                                                                                | 850 1/h                                                                                                             |
| at AC-3 maximum     at AC-3e maximum                                                                                             | 850 1/h                                                                                                             |
| • at AC-4 maximum                                                                                                                | 250 1/h                                                                                                             |
| Control circuit/ Control                                                                                                         | 250 771                                                                                                             |
| type of voltage of the control supply voltage                                                                                    | AC                                                                                                                  |
| control supply voltage at AC                                                                                                     |                                                                                                                     |
| at 50 Hz rated value                                                                                                             | 230 V                                                                                                               |
| at 60 Hz rated value                                                                                                             | 230 V                                                                                                               |
| operating range factor control supply voltage rated value of                                                                     |                                                                                                                     |
| magnet coil at AC                                                                                                                |                                                                                                                     |
| ● at 50 Hz                                                                                                                       | 0.8 1.1                                                                                                             |
| • at 60 Hz                                                                                                                       | 0.85 1.1                                                                                                            |
| apparent pick-up power of magnet coil at AC                                                                                      |                                                                                                                     |
| ● at 50 Hz                                                                                                                       | 348 VA                                                                                                              |
| • at 60 Hz                                                                                                                       | 296 VA                                                                                                              |
| inductive power factor with closing power of the coil                                                                            |                                                                                                                     |
| ● at 50 Hz                                                                                                                       | 0.62                                                                                                                |
| ● at 60 Hz                                                                                                                       | 0.55                                                                                                                |
| apparent holding power of magnet coil at AC                                                                                      |                                                                                                                     |
| ● at 50 Hz                                                                                                                       | 25 VA                                                                                                               |
| ● at 60 Hz                                                                                                                       | 18 VA                                                                                                               |
| inductive power factor with the holding power of the coil                                                                        |                                                                                                                     |
| ● at 50 Hz                                                                                                                       | 0.35                                                                                                                |
| ● at 60 Hz                                                                                                                       | 0.41                                                                                                                |
| closing delay                                                                                                                    |                                                                                                                     |
| • at AC                                                                                                                          | 13 50 ms                                                                                                            |
| opening delay                                                                                                                    |                                                                                                                     |
| • at AC                                                                                                                          | 10 21 ms                                                                                                            |
| arcing time                                                                                                                      | 10 20 ms                                                                                                            |
| control version of the switch operating mechanism                                                                                | Standard A1 - A2                                                                                                    |
| Auxiliary circuit                                                                                                                |                                                                                                                     |
| number of NC contacts for auxiliary contacts instantaneous contact                                                               | 1                                                                                                                   |
| number of NO contacts for auxiliary contacts instantaneous contact                                                               | 1                                                                                                                   |
| operational current at AC-12 maximum                                                                                             | 10 A                                                                                                                |
| operational current at AC-15                                                                                                     |                                                                                                                     |
| at 230 V rated value                                                                                                             | 6 A                                                                                                                 |
| at 400 V rated value                                                                                                             | 3 A                                                                                                                 |
| • at 500 V rated value                                                                                                           | 2 A                                                                                                                 |
| • at 690 V rated value                                                                                                           | 1 A                                                                                                                 |
| operational current at DC-12                                                                                                     |                                                                                                                     |
| at 24 V rated value                                                                                                              | 10 A                                                                                                                |
| at 48 V rated value                                                                                                              | 6 A                                                                                                                 |
| at 60 V rated value                                                                                                              | 6 A                                                                                                                 |
| • at 110 V rated value                                                                                                           | 3 A                                                                                                                 |
| at 125 V rated value                                                                                                             | 2 A                                                                                                                 |
| at 220 V rated value                                                                                                             | 1 A                                                                                                                 |
| • at 600 V rated value                                                                                                           | 0.15 A                                                                                                              |
| operational current at DC-13                                                                                                     |                                                                                                                     |
| at 24 V rated value                                                                                                              | 10 A                                                                                                                |
| at 48 V rated value                                                                                                              | 2 A                                                                                                                 |
| at 60 V rated value                                                                                                              | 2 A                                                                                                                 |
|                                                                                                                                  |                                                                                                                     |

| • at 110 V rated value                                           | 1 A                                                                               |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| at 125 V rated value                                             | 0.9 A                                                                             |
| at 220 V rated value                                             | 0.3 A                                                                             |
| at 600 V rated value                                             | 0.1 A                                                                             |
| contact reliability of auxiliary contacts                        | 1 faulty switching per 100 million (17 V, 1 mA)                                   |
| UL/CSA ratings                                                   |                                                                                   |
| full-load current (FLA) for 3-phase AC motor                     |                                                                                   |
| • at 480 V rated value                                           | 96 A                                                                              |
| • at 600 V rated value                                           | 77 A                                                                              |
| yielded mechanical performance [hp]                              |                                                                                   |
| <ul> <li>for single-phase AC motor</li> </ul>                    |                                                                                   |
| — at 110/120 V rated value                                       | 10 hp                                                                             |
| — at 230 V rated value                                           | 20 hp                                                                             |
| • for 3-phase AC motor                                           |                                                                                   |
| — at 200/208 V rated value                                       | 30 hp                                                                             |
| — at 220/230 V rated value                                       | 30 hp                                                                             |
| — at 460/480 V rated value                                       | 75 hp                                                                             |
| — at 575/600 V rated value                                       | 75 hp                                                                             |
| contact rating of auxiliary contacts according to UL             | A600 / P600                                                                       |
| Short-circuit protection                                         |                                                                                   |
| design of the fuse link                                          |                                                                                   |
| for short-circuit protection of the main circuit                 |                                                                                   |
| with type of coordination 1 required                             | gG: 250 A (690 V, 100 kA), aM: 160 A (690 V, 100 kA), BS88: 200 A (415 V, 80 kA)  |
| — with type of assignment 2 required                             | gG: 160 A (690 V, 100 kA), aM: 100 A (690 V, 100 kA), BS88: 125 A (415 V, 80 kA)  |
| for short-circuit protection of the auxiliary switch required    | gG: 10 A (500 V, 1 kA)                                                            |
| Installation/ mounting/ dimensions                               | <b>3</b> • • • • • • • • • • • • • • • • • • •                                    |
| 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 60715          |
| height                                                           | 140 mm                                                                            |
| width                                                            | 70 mm                                                                             |
| depth                                                            | 152 mm                                                                            |
| required spacing                                                 |                                                                                   |
| <ul> <li>with side-by-side mounting</li> </ul>                   |                                                                                   |
| — forwards                                                       | 20 mm                                                                             |
| — upwards                                                        | 10 mm                                                                             |
| — downwards                                                      | 10 mm                                                                             |
| — at the side                                                    | 0 mm                                                                              |
| <ul> <li>for grounded parts</li> </ul>                           |                                                                                   |
| — forwards                                                       | 20 mm                                                                             |
| — upwards                                                        | 10 mm                                                                             |
| — at the side                                                    | 10 mm                                                                             |
| — downwards                                                      | 10 mm                                                                             |
| • for live parts                                                 |                                                                                   |
| — forwards                                                       | 20 mm                                                                             |
| — upwards                                                        | 10 mm                                                                             |
| — downwards                                                      | 10 mm                                                                             |
| — at the side                                                    | 10 mm                                                                             |
| Connections/ Terminals                                           |                                                                                   |
| type of electrical connection                                    |                                                                                   |
| for main current circuit                                         | screw-type terminals                                                              |
| for auxiliary and control circuit                                | screw-type terminals                                                              |
| at contactor for auxiliary contacts                              | Screw-type terminals                                                              |
| of magnet coil                                                   | Screw-type terminals                                                              |
| type of connectable conductor cross-sections                     | "                                                                                 |
|                                                                  |                                                                                   |
| • for main contacts                                              |                                                                                   |
| • for main contacts                                              | 2x (2.5 35 mm²). 1x (2.5 50 mm²)                                                  |
| for main contacts     — finely stranded with core end processing | 2x (2.5 35 mm²), 1x (2.5 50 mm²)<br>2x (10 1/0), 1x (10 2)                        |
| • for main contacts                                              | 2x (2.5 35 mm²), 1x (2.5 50 mm²)<br>2x (10 1/0), 1x (10 2)                        |

| • solid                                                                                | 2.5 16 mm²                                       |
|----------------------------------------------------------------------------------------|--------------------------------------------------|
| • stranded                                                                             | 6 70 mm²                                         |
| <ul> <li>finely stranded with core end processing</li> </ul>                           | 2.5 50 mm²                                       |
| connectable conductor cross-section for auxiliary contacts                             |                                                  |
| • solid or stranded                                                                    | 0.5 2.5 mm²                                      |
| <ul> <li>finely stranded with core end processing</li> </ul>                           | 0.5 2.5 mm²                                      |
| type of connectable conductor cross-sections                                           |                                                  |
| • for auxiliary contacts                                                               |                                                  |
| — 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)              |
| <ul> <li>for AWG cables for auxiliary contacts</li> </ul>                              | 2x (20 16), 2x (18 14)                           |
| AWG number as coded connectable conductor cross section                                |                                                  |
| • for main contacts                                                                    | 10 2                                             |
| • for auxiliary contacts                                                               | 20 14                                            |
| Safety related data                                                                    |                                                  |
| product function                                                                       |                                                  |
| <ul> <li>mirror contact according to IEC 60947-4-1</li> </ul>                          | Yes                                              |
| <ul> <li>positively driven operation according to IEC 60947-5-1</li> </ul>             | No                                               |
| <ul> <li>suitable for safety function</li> </ul>                                       | Yes                                              |
| suitability for use safety-related switching OFF                                       | Yes                                              |
| service life maximum                                                                   | 20 a                                             |
| test wear-related service life necessary                                               | Yes                                              |
| proportion of dangerous failures                                                       |                                                  |
| <ul> <li>with low demand rate according to SN 31920</li> </ul>                         | 40 %                                             |
| <ul> <li>with high demand rate according to SN 31920</li> </ul>                        | 73 %                                             |
| B10 value with high demand rate according to SN 31920                                  | 1 000 000                                        |
| failure rate [FIT] with low demand rate according to SN 31920                          | 100 FIT                                          |
| ISO 13849                                                                              |                                                  |
| device type according to ISO 13849-1                                                   | 3                                                |
| overdimensioning according to ISO 13849-2 necessary                                    | Yes                                              |
| IEC 61508                                                                              |                                                  |
| safety device type according to IEC 61508-2                                            | Туре А                                           |
| T1 value                                                                               |                                                  |
| <ul> <li>for proof test interval or service life according to IEC<br/>61508</li> </ul> | 20 a                                             |
| Electrical Safety                                                                      |                                                  |
| 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 |
| Approvals Certificates                                                                 |                                                  |
| General Product Approval                                                               |                                                  |

General Product Approval





Confirmation





<u>KC</u>

General Product Approval

EMV

**Functional Saftey** 

**Test Certificates** 

Marine / Shipping





Type Examination Certificate Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping other Railway











Special Test Certificate

**Dangerous Good** 

Environment

**Transport Information** 



Environmental Confirmations

## **Further information**

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=3RT2046-1AL20

Cax online generator

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

https://support.industry.siemens.com/cs/ww/en/ps/3RT2046-1AL20

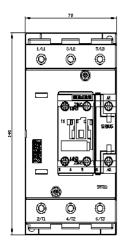
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

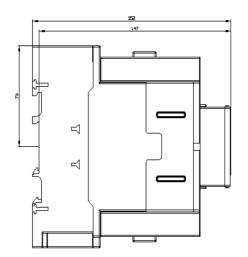
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3RT2046-1AL20&lang=en

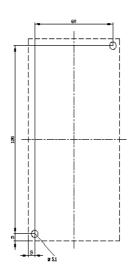
Characteristic: Tripping characteristics, I2t, Let-through current

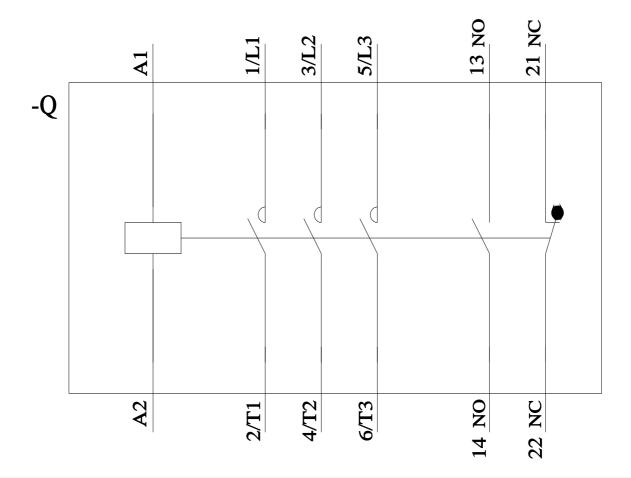
https://support.industry.siemens.com/cs/ww/en/ps/3RT2046-1AL20/char Further characteristics (e.g. electrical endurance, switching frequency)

http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2046-1AL20&objecttype=14&gridview=view1









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