SIEMENS

Data sheet

3RT2046-1AP00



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

| 100 Arts | |
|---|----------------------------|
| 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 | 7.3 W |
| type of calculation of power loss depending on pole | quadratic |
| insulation voltage | |
| of main circuit with degree of pollution 3 rated value | 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 |
| of the contactor with added electronically optimized auxiliary switch block typical | 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) | |
| Weight | 1.719 kg |
| 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 | |
| at AC-3 rated value maximum | 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 at AC-1 | 130 A |
| up to 690 V at ambient temperature 40 °C rated value | 130 A |
| — up to 690 V at ambient temperature 60 °C rated value | 110 A |
| • 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 |
| • at AC-4 at 400 V rated value | 80 A |
| • at AC-5a up to 690 V rated value | 114 A |
| at AC-5b up to 400 V rated value at AC-6a | 95 A |
| — up to 230 V for current peak value n=20 rated value | 84.4 A |
| — up to 400 V for current peak value n=20 rated value | 84.4 A |
| — up to 500 V for current peak value n=20 rated value | 84.4 A |
| — up to 690 V for current peak value n=20 rated value at AC-6a | 58 A |
| — up to 230 V for current peak value n=30 rated value | 56.3 A |
| — up to 400 V for current peak value n=30 rated value | 56.3 A |
| — up to 500 V for current peak value n=30 rated value | 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 | 42.4 |
| at 400 V rated value at 690 V rated value | 42 A 30 A |
| • at 690 V rated value | |
| • 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 | 104 |
|---|---|
| — at 440 V rated value | 1.8 A 1 A |
| — at 600 V rated value | IA |
| with 3 current paths in series at DC-1 — at 24 V rated value | 100 A |
| — at 24 v rated value | 100 A |
| — at 100 V rated value | 100 A |
| | 80 A |
| — at 220 V rated value — at 440 V rated value | 4.5 A |
| | 2.6 A |
| — at 600 V rated value | 2.0 A |
| at 1 current path at DC-3 at DC-5 | 40.0 |
| — at 24 V rated value | 40 A |
| — at 60 V rated value | 6 A 2.5 A |
| — at 110 V rated value | 1A |
| — at 220 V rated value | 0.15 A |
| — at 440 V rated value | |
| — at 600 V rated value | 0.06 A |
| with 2 current paths in series at DC-3 at DC-5 at 24 \/ rated value | 400 A |
| — at 24 V rated value — at 60 V rated value | 100 A 100 A |
| | |
| — at 110 V rated value — at 220 V rated value | 100 A |
| — at 220 V rated value — at 440 V rated value | 7 A 0.42 A |
| | |
| — at 600 V rated value | 0.16 A |
| with 3 current paths in series at DC-3 at DC-5 at 24 V rated value | 100 A |
| — at 24 V rated value | |
| — at 60 V rated value | 100 A 100 A |
| — at 110 V rated value | 35 A |
| — at 220 V rated value | |
| — at 440 V rated value — at 600 V rated value | 0.8 A 0.35 A |
| operating power | 0.55 A |
| at AC-2 at 400 V rated value | 45 kW |
| • at AC-3 | +0 KW |
| — 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 | |
| Imited to 1 s switching at zero current maximum | 1 725 A; Use minimum cross-section acc. to AC-1 rated value |
| - Innited to 1.5 Switching at Zero current maximum | T 720 A, USE MINIMUM GUSS-SECTION AUG. TO AU-T TALEU VAIUE |

| limited to 5 s switching at zero current maximum | 1 297 A; Use minimum cross-section acc. to AC-1 rated value |
|--|--|
| limited to 10 s switching at zero current maximum | 946 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 30 s switching at zero current maximum | 610 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 60 s switching at zero current maximum | 486 A; Use minimum cross-section acc. to AC-1 rated value |
| no-load switching frequency | |
| • at AC | 5 000 1/h |
| operating frequency | |
| • at AC-1 maximum | 900 1/h |
| • at AC-2 maximum | 350 1/h |
| • at AC-3 maximum | 850 1/h |
| • at AC-3e maximum | 850 1/h |
| • at AC-4 maximum | 250 1/h |
| Control circuit/ Control | |
| type of voltage of the control supply voltage | AC |
| control supply voltage at AC | |
| • at 50 Hz rated value | 230 V |
| operating range factor control supply voltage rated value of | |
| magnet coil at AC | |
| ● at 50 Hz | 0.8 1.1 |
| apparent pick-up power of magnet coil at AC | |
| • at 50 Hz | 296 VA |
| inductive power factor with closing power of the coil | |
| • at 50 Hz | 0.61 |
| apparent holding power of magnet coil at AC | |
| ● at 50 Hz | 19 VA |
| inductive power factor with the holding power of the coil | |
| ● at 50 Hz | 0.38 |
| 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 |
| | 10 A |
| operational current at AC-15 | |
| • at 230 V rated value | 6 A |
| at 230 V rated valueat 400 V rated value | 6 A 3 A |
| at 230 V rated value at 400 V rated value at 500 V rated value | 6 A 3 A 2 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value | 6 A 3 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 | 6 A 3 A 2 A 1 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value Operational current at DC-12 at 24 V rated value | 6 A 3 A 2 A 1 A 10 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 60 V rated value at 110 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 110 V rated value at 125 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 600 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 220 V rated value at 600 V rated value at 600 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 600 V rated value at 220 V rated value at 600 V rated value at 24 V rated value at 24 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 220 V rated value at 600 V rated value at 600 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 600 V rated value at 220 V rated value at 600 V rated value at 220 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 2 A 1 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 600 V rated value at 24 V rated value at 24 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 220 V rated value at 24 V rated value at 24 V rated value at 600 V rated value at 600 V rated value at 600 V rated value at 24 V rated value at 48 V rated value at 60 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 2 A 1 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value operational current at DC-12 at 24 V rated value at 48 V rated value at 60 V rated value at 110 V rated value at 220 V rated value at 220 V rated value at 600 V rated value at 24 V rated value at 600 V rated value at 24 V rated value at 24 V rated value at 60 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 10 A 2 A 1 A 10 A 2 A 1 A 10 A 1 A |
| at 230 V rated value at 400 V rated value at 500 V rated value at 690 V rated value at 690 V rated value at 24 V rated value at 48 V rated value at 60 V rated value at 125 V rated value at 220 V rated value at 600 V rated value at 220 V rated value at 24 V rated value at 600 V rated value at 600 V rated value at 125 V rated value at 24 V rated value at 10 V rated value at 24 V rated value at 110 V rated value at 110 V rated value at 24 V rated value at 110 V rated value | 6 A 3 A 2 A 1 A 10 A 6 A 6 A 6 A 6 A 3 A 2 A 1 A 0.15 A 10 A 2 A 1 A 0.9 A |

| UL/CSA ratings | |
|---|---|
| | |
| full-load current (FLA) for 3-phase AC motor | 00.4 |
| • at 480 V rated value | 96 A |
| at 600 V rated value | 77 A |
| yielded mechanical performance [hp] | |
| for single-phase AC motor | |
| — 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 | |
| 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 | |
| with side-by-side mounting | |
| — forwards | 20 mm |
| — upwards | 10 mm |
| — downwards | 10 mm |
| — at the side | 0 mm |
| for grounded parts | |
| — 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 | |
| - finely stranded with core end processing | 2x (2.5 35 mm²), 1x (2.5 50 mm²) |
| for AWG cables for main contacts | 2x (10 1/0), 1x (10 2) |
| connectable conductor cross-section for main contacts | |
| • solid | 2.5 16 mm² |
| stranded | 6 70 mm² |
| finely stranded with core end processing | 2.5 50 mm ² |
| connectable conductor cross-section for auxiliary contacts | |
| solid or stranded | 0.5 2.5 mm² |
| | |

| finely stranded w | ith core end processing | | 0.5 | 2.5 mm ² | | |
|---|---|---------------|---|---|-------------------------------|-------------------------|
| • | onductor cross-section | ıs | | | | |
| for auxiliary containing | acts | | | | | |
| - solid or stra | nded | | 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) | | | |
| - finely strand | ded with core end proces | ssing | 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) | | | |
| for AWG cables f | or auxiliary contacts | | 2x (20 16), 2x (18 14) | | | |
| | d connectable conduct | tor cross | | | | |
| section | | | | _ | | |
| for main contacts for auxiliary contacts | | | 10 2 | | | |
| , | acts | | 20 | 14 | | |
| Safety related data | | | _ | | | |
| product function | | | | | | |
| mirror contact according to IEC 60947-4-1 positively driven operation according to IEC 60947-5-1 | | Yes | | | | |
| positively driven operation according to IEC 60947-5-1 | | No | | | | |
| suitable for safety function | | Yes | | | | |
| suitability for use safety-related switching OFF | | Yes | | | | |
| service life maximum | | | 20 a | | | |
| test wear-related serv | - | | Yes | | | |
| proportion of dangero | | 020 | 40.0/ | | | |
| | rate according to SN 31 | | 40 % | | | |
| | d rate according to SN 3 | | 73 % | 000 | | |
| | emand rate according t | | 1 000 | | | |
| 31920 | ow demand rate accore | aing to SN | 100 F | 11 | | |
| ISO 13849 | to ISO 42040 4 | | 2 | | | |
| device type according | | D00000010/ | 3 Yes | | | |
| IEC 61508 | ording to ISO 13849-2 | necessary | res | | | |
| safety device type acc | ording to IEC 61509 2 | | Туре | ٨ | | |
| | | | Type | A | | |
| Electrical Safety | the front eccording to | IEC 60520 | | | | |
| protection class IP on | the front according to | | | | | |
| - | | | IP20 | anto for vortical contact | from the front | |
| touch protection on th | ie front according to IE | | | -safe, for vertical contact | from the front | |
| touch protection on the Approvals Certificates | he front according to IE | | | -safe, for vertical contact | from the front | _ |
| touch protection on th | he front according to IE | | | -safe, for vertical contact | from the front | _ |
| touch protection on the Approvals Certificates | ne front according to IE | C 60529 | finger | -safe, for vertical contact Confirmation | from the front | KC |
| touch protection on the Approvals Certificates | he front according to IE | | finger | | from the front | KC |
| touch protection on the Approvals Certificates | ne front according to IE | C 60529 | finger | | from the front | KC |
| touch protection on th Approvals Certificates General Product Appr | roval | C 60529 | finger | | from the front | KC |
| touch protection on th Approvals Certificates General Product Appr | roval | C 60529 | finger | | from the front | KC |
| touch protection on th Approvals Certificates General Product Appr | roval | C 60529 | finger | | from the front | KC Marine / Shipping |
| touch protection on the Approvals Certificates General Product Approved CCC | roval | UK C 60529 | finger | Confirmation Test Certificates | U | |
| touch protection on the Approvals Certificates General Product Approved CCC General Product Approval | roval | EC 60529 | finger | Confirmation Test Certificates | UL UL | |
| touch protection on the Approvals Certificates General Product Approved CCC General Product Approval | roval | UK C 60529 | finger | Confirmation Test Certificates | U | |
| touch protection on the Approvals Certificates General Product Approved CCC | roval | EC 60529 | finger | Confirmation Test Certificates | UL UL | |
| touch protection on the Approvals Certificates General Product Approved CCC General Product Approval | roval | EC 60529 | finger | Confirmation Test Certificates | UL UL | |
| touch protection on the Approvals Certificates General Product Approved CCC General Product Approval | roval | EC 60529 | finger | Confirmation Test Certificates | UL UL | |
| touch protection on the Approvals Certificates General Product Approved CCC General Product Approval | roval | EC 60529 | finger | Confirmation Test Certificates | UL UL | |
| touch protection on the Approvals Certificates General Product Approved CCCC General Product Approval | roval | EC 60529 | finger | Confirmation Test Certificates | Special Test Certific- ate | Marine / Shipping |
| touch protection on the Approvals Certificates General Product Approved CCCC General Product Approval | roval | EC 60529 | finger | Confirmation Test Certificates | Special Test Certific- ate | Marine / Shipping |
| touch protection on the Approvals Certificates General Product Approved General Product Approval EFRE Marine / Shipping | roval | EC 60529 | finger | Confirmation Test Certificates | Special Test Certific- ate | Marine / Shipping |
| touch protection on the Approvals Certificates General Product Approved CCCC General Product Approval | roval | EC 60529 | finger | Confirmation Test Certificates | Special Test Certific- ate | Marine / Shipping |
| touch protection on the Approvals Certificates General Product Approved General Product Approval EFRE Marine / Shipping | roval | EC 60529 | finger | Confirmation Test Certificates | Special Test Certific- ate | Marine / Shipping |
| touch protection on the Approvals Certificates General Product Approved General Product Approval EFRE Marine / Shipping | roval | EC 60529 | finger | Confirmation Test Certificates | Special Test Certific- ate | Marine / Shipping |
| touch protection on the Approvals Certificates General Product Approved CCC General Product Approval EFRE Marine / Shipping | e front according to IE roval EG-Konf. EMV | EC 60529 | finger ftey on Cer- | Confirmation Test Certificates | Special Test Certific- ate | Marine / Shipping |
| touch protection on the Approvals Certificates General Product Approved CCC General Product Approval EFRE Marine / Shipping | e front according to IE roval EG-Konf. EMV | Environmental | finger ftey on Cer- | Confirmation Test Certificates | Special Test Certific- ate | Marine / Shipping |
| touch protection on the Approvals Certificates General Product Approved General Product Approval General Product Approval EFRE Marine / Shipping Dangerous goods | e front according to IE roval EG-Konf. EMV | EC 60529 | finger ftey on Cer- | Confirmation Test Certificates | Special Test Certific- ate | Marine / Shipping |
| touch protection on the Approvals Certificates General Product Approved General Product Approval General Product Approval EFRE Marine / Shipping Dangerous goods | e front according to IE roval EG-Konf. EMV | Environmental | finger ftey on Cer- | Confirmation Test Certificates | Special Test Certific- ate | Marine / Shipping |

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=3RT2046-1AP00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2046-1AP00

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2046-1AP00

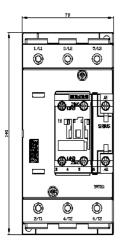
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

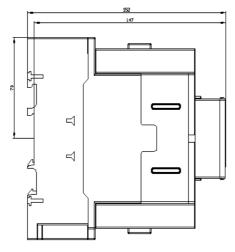
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2046-1AP00&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current

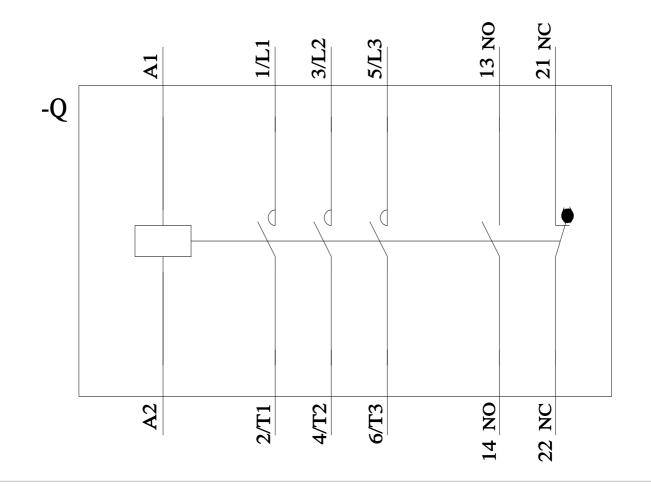
- https://support.industry.siemens.com/cs/ww/en/ps/3RT2046-1AP00/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2046-1AP00&objecttype=14&gridview=view1









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