SIEMENS

Data sheet

3RT2036-1AF00



power contactor, AC-3 50 A, 22 kW / 400 V 1 NO + 1 NC, 110 V AC, 50 Hz, 3-pole, Size S2, screw terminal

| product brand name | SIRIUS |
|---|-----------------------------|
| product designation | Power contactor |
| product type designation | 3RT2 |
| General technical data | |
| size of contactor | S2 |
| 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 | 12 W |
| • per pole | 4 W |
| power loss [W] for rated value of the current without load current share typical | 16 W |
| surge voltage resistance | |
| of main circuit rated value | 6 kV |
| of auxiliary circuit rated value | 6 kV |
| maximum permissible voltage for safe isolation between coil and main contacts acc. to EN 60947-1 | 400 V |
| shock resistance at rectangular impulse | |
| • at AC | 11.8g / 5 ms, 7.4g / 10 ms |
| shock resistance with sine pulse | |
| • at AC | 18.5g / 5 ms, 11.6g / 10 ms |
| mechanical service life (switching 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 acc. to IEC 81346-2 | Q |
| Substance Prohibitance (Date) | 01.10.2014 00:00:00 |
| 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 |
| Main circuit | |
| number of poles for main current circuit | 3 |
| number of NO contacts for main contacts | 3 |
| operating voltage at AC-3 rated value maximum | 690 V |

| operational current | - |
|---|-----------------------|
| at AC-1 at 400 V at ambient temperature 40 °C rated value | 70 A |
| • at AC-1 | |
| — up to 690 V at ambient temperature 40 °C rated value | 70 A |
| — up to 690 V at ambient temperature 60 °C rated value | 60 A |
| • at AC-3 | |
| — at 400 V rated value | 51 A |
| — at 500 V rated value | 51 A |
| — at 690 V rated value | 24 A |
| at AC-4 at 400 V rated value | 41 A |
| at AC-5a up to 690 V rated value | 61.6 A |
| ● at AC-5b up to 400 V rated value | 41.5 A |
| • at AC-6a | |
| — up to 230 V for current peak value n=20 rated value | 43.2 A |
| — up to 400 V for current peak value n=20 rated value | 43.2 A |
| — up to 500 V for current peak value n=20 rated value | 43.2 A |
| — up to 690 V for current peak value n=20 rated value | 24 A |
| • at AC-6a | 20.0 \ |
| — up to 230 V for current peak value n=30 rated value | 28.8 A |
| — up to 400 V for current peak value n=30 rated value — up to 500 V for current peak value n=30 rated | 28.8 A 28.8 A |
| value — up to 690 V for current peak value n=30 rated | 24 A |
| value | |
| minimum cross-section in main circuit at maximum AC-1 rated value | 25 mm ² |
| operational current for approx. 200000 operating cycles at AC-4 | |
| at 400 V rated value | 24 A |
| at 690 V rated value | 20 A |
| operational current | |
| at 1 current path at DC-1 | |
| — at 24 V rated value | 55 A |
| — at 110 V rated value | 4.5 A |
| — at 220 V rated value | 1 A |
| — at 440 V rated value | 0.4 A |
| — at 600 V rated value | 0.25 A |
| • with 2 current paths in series at DC-1 | |
| — at 24 V rated value | 55 A |
| — at 110 V rated value | 45 A |
| — at 220 V rated value | 5 A |
| — at 440 V rated value | 1 A |
| — at 600 V rated value | 0.8 A |
| with 3 current paths in series at DC-1 | |
| | |
| — at 24 V rated value | 55 A |
| — at 24 V rated value — at 110 V rated value | 55 A |
| — at 24 V rated value — at 110 V rated value — at 220 V rated value | 55 A 45 A |
| at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value | 55 A 45 A 2.9 A |
| at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value at 600 V rated value | 55 A 45 A |
| at 24 V rated value at 110 V rated value at 220 V rated value at 440 V rated value | 55 A 45 A 2.9 A |

| Control circuit/ Control type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value operating range factor control supply voltage rated value of magnet coil at AC • at 50 Hz | AC 110 V 0.8 1.1 |
|--|---|
| type of voltage of the control supply voltage control supply voltage at AC • at 50 Hz rated value operating range factor control supply voltage rated | |
| type of voltage of the control supply voltage control supply voltage at AC | |
| type of voltage of the control supply voltage | AC |
| | AC |
| Control circuit/ Control | |
| | |
| • at AC-4 maximum | 250 1/h |
| • at AC-2 maximum • at AC-3 maximum | 800 1/h |
| at AC-1 maximum at AC-2 maximum | 1 000 1/h 600 1/h |
| operating frequency | 1.000.1/b |
| • at AC | 5 000 1/h |
| no-load switching frequency | 5 000 1/b |
| Imited to 60 s switching at zero current maximum | 229 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 30 s switching at zero current maximum limited to 60 a guitabing at zero surrant maximum | 282 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 10 s switching at zero current maximum limited to 20 s switching at zero surrent maximum | 468 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 5 s switching at zero current maximum limited to 10 s switching at zero surrent maximum | 697 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 1 s switching at zero current maximum | 937 A; Use minimum cross-section acc. to AC-1 rated value |
| up to 40 °C | 027 A: Use minimum cross section and to AC 4 retadiuslys |
| short-time withstand current in cold operating state | |
| up to 690 V for current peak value n=30 rated value | 28.6 kV·A |
| up to 500 V for current peak value n=30 rated value | 24.9 kV·A |
| up to 400 V for current peak value n=30 rated value | 19.9 kV·A |
| up to 230 V for current peak value n=30 rated value | 11.4 kV·A |
| operating apparent power at AC-6a | |
| • up to 690 V for current peak value n=20 rated value | 28.6 kV·A |
| • up to 500 V for current peak value n=20 rated value | 37.4 kV·A |
| • up to 400 V for current peak value n=20 rated value | 29.9 kV·A |
| • up to 230 V for current peak value n=20 rated value | 17.2 kV·A |
| operating apparent power at AC-6a | |
| • at 690 V rated value | 18.2 kW |
| at 400 V rated value | 12.6 kW |
| at AC-4 | |
| — at 690 V rated value operating power for approx. 200000 operating cycles | 22 kW |
| | 30 kW |
| — at 400 V rated value — at 500 V rated value | 22 kW 30 kW |
| — at 230 V rated value | 15 kW |
| • at AC-3 | 15 kW |
| • at AC-2 at 400 V rated value | 22 kW |
| operating power | 22 1/11 |
| — at 600 V rated value | 0.35 A |
| — at 440 V rated value | 0.6 A |
| — at 220 V rated value | 25 A |
| — at 110 V rated value | 55 A |
| — at 24 V rated value | 55 A |
| with 3 current paths in series at DC-3 at DC-5 | |
| — at 600 V rated value | 0.16 A |
| — at 440 V rated value | 0.27 A |
| — at 220 V rated value | 5 A |
| — at 110 V rated value | 25 A |
| — at 24 V rated value | 55 A |
| with 2 current paths in series at DC-3 at DC-5 | |
| — at 600 V rated value | 0.06 A |
| — at 440 V rated value | 0.1 A |
| — at 220 V rated value | 1A |
| — at 110 V rated value | 2.5 A |

| | 400.1/ A |
|---|---|
| • at 50 Hz | 190 V·A |
| inductive power factor with closing power of the coil | 0.72 |
| • at 50 Hz | 0.72 |
| apparent holding power of magnet coil at AC • at 50 Hz | 16 V·A |
| inductive power factor with the holding power of the | |
| coil | |
| • at 50 Hz | 0.37 |
| closing delay | |
| • at AC | 10 80 ms |
| opening delay | |
| • at AC | 10 18 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 | 10 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 | 52 A |
| at 600 V rated value | 52 A |
| yielded mechanical performance [hp] | |
| for single-phase AC motor | |
| — at 110/120 V rated value | 3 hp |
| — at 230 V rated value | 10 hp |
| for 3-phase AC motor | |
| — at 200/208 V rated value | 15 hp |
| — at 220/230 V rated value | 15 hp |
| — at 460/480 V rated value | 40 hp |
| — at 575/600 V rated value | 50 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 | |
| | |

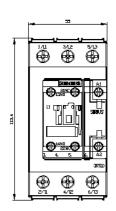
| — with type of coordination 1 required | gG: 160 A (690 V, 100 kA), aM: 80 A (690 V, 100 kA), BS88: 125 A (415 V, 80 kA) | | |
|---|--|--|--|
| - with type of assignment 2 required | gG: 80A (690V,100kA), aM: 50A (690V,100kA), BS88: 63A (415V,80kA) | | |
| for short-circuit protection of the auxiliary 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 standard mounting rail according to DIN EN 60715 | | |
| side-by-side mounting | Yes | | |
| height | 114 mm | | |
| width | 55 mm | | |
| depth | 130 mm | | |
| required spacing | | | |
| with side-by-side mounting | | | |
| — forwards | 10 mm | | |
| — upwards | 10 mm | | |
| — downwards | 10 mm | | |
| — at the side | 0 mm | | |
| for grounded parts | | | |
| — forwards | 10 mm | | |
| — upwards | 10 mm | | |
| — at the side | 6 mm | | |
| — downwards | 10 mm | | |
| for live parts | | | |
| — forwards | 10 mm | | |
| — upwards | 10 mm | | |
| — downwards | 10 mm | | |
| — at the side | 6 mm | | |
| Connections/ Terminals | | | |
| type of electrical connection | | | |
| for main current circuit | screw-type terminals | | |
| | screw-type terminals | | |
| for auxiliary and control circuit | | | |
| for auxiliary and control circuit at contactor for auxiliary contacts | Screw-type terminals | | |
| - | | | |
| at contactor for auxiliary contacts | Screw-type terminals | | |
| at contactor for auxiliary contactsof magnet coil | Screw-type terminals | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections | Screw-type terminals | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections of main contacts | Screw-type terminals Screw-type terminals | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts — solid or stranded | Screw-type terminals Screw-type terminals 2x (1 35 mm ²), 1x (1 50 mm ²) | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts — solid or stranded — finely stranded with core end processing | Screw-type terminals Screw-type terminals 2x (1 35 mm ²), 1x (1 50 mm ²) 2x (1 25 mm ²), 1x (1 35 mm ²) | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main | Screw-type terminals Screw-type terminals 2x (1 35 mm ²), 1x (1 50 mm ²) 2x (1 25 mm ²), 1x (1 35 mm ²) | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts | Screw-type terminals Screw-type terminals 2x (1 35 mm ²), 1x (1 50 mm ²) 2x (1 25 mm ²), 1x (1 35 mm ²) 2x (18 2), 1x (18 1) | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing ontacts finely stranded with core end processing finely stranded with core end processing | Screw-type terminals Screw-type terminals 2x (1 35 mm ²), 1x (1 50 mm ²) 2x (1 25 mm ²), 1x (1 35 mm ²) 2x (18 2), 1x (18 1) | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing connectable conductor cross-section for auxiliary contacts | Screw-type terminals Screw-type terminals 2x (1 35 mm ²), 1x (1 50 mm ²) 2x (1 25 mm ²), 1x (1 35 mm ²) 2x (18 2), 1x (18 1) 1 35 mm ² | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing ontacts finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections | Screw-type terminals Screw-type terminals 2x (1 35 mm ²), 1x (1 50 mm ²) 2x (1 25 mm ²), 1x (1 35 mm ²) 2x (18 2), 1x (18 1) 1 35 mm ² 0.5 2.5 mm ² | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing ontacts finely stranded with core end processing solid or stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded solid or stranded finely stranded with core end processing | Screw-type terminals Screw-type terminals 2x (1 35 mm ²), 1x (1 50 mm ²) 2x (1 25 mm ²), 1x (1 35 mm ²) 2x (18 2), 1x (18 1) 1 35 mm ² 0.5 2.5 mm ² | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing ontacts finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections | Screw-type terminals Screw-type terminals 2x (1 35 mm ²), 1x (1 50 mm ²) 2x (1 25 mm ²), 1x (1 35 mm ²) 2x (18 2), 1x (18 1) 1 35 mm ² 0.5 2.5 mm ² | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections finely stranded with core end processing | Screw-type terminals Screw-type terminals 2x (1 35 mm²), 1x (1 50 mm²) 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 8 2), 1x (18 1) 1 35 mm² 0.5 2.5 mm² 0.5 2.5 mm² | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded for auxiliary contacts solid or stranded for auxiliary contacts solid or stranded finely stranded with core end processing at AWG cables for auxiliary contacts at AWG cables for auxiliary contacts | Screw-type terminals Screw-type terminals 2x (1 35 mm²), 1x (1 50 mm²) 2x (1 25 mm²), 1x (1 35 mm²) 2x (18 2), 1x (18 1) 1 35 mm² 0.5 2.5 mm² 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded for auxiliary contacts solid or stranded for auxiliary contacts solid or stranded finely stranded with core end processing | Screw-type terminals Screw-type terminals $2x (1 35 mm^2), 1x (1 50 mm^2)$ $2x (1 25 mm^2), 1x (1 35 mm^2)$ 2x (18 2), 1x (18 1) $1 35 mm^2$ $0.5 2.5 mm^2$ $0.5 2.5 mm^2$ $2x (0.5 1.5 mm^2), 2x (0.75 2.5 mm^2)$ $2x (0.5 1.5 mm^2), 2x (0.75 2.5 mm^2)$ 2x (20 16), 2x (18 14) | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing ontacts finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded for auxiliary contacts solid or stranded finely stranded with core end processing at AWG cables for auxiliary contacts AWG cables for auxiliary contacts | Screw-type terminals Screw-type terminals 2x (1 35 mm²), 1x (1 50 mm²) 2x (1 25 mm²), 1x (1 35 mm²) 2x (18 2), 1x (18 1) 1 35 mm² 0.5 2.5 mm² 0.5 2.5 mm² 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²) | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing entertable conductor cross-section for main contacts finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded for auxiliary contacts solid or stranded finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section | Screw-type terminals Screw-type terminals $2x (1 35 mm^2), 1x (1 50 mm^2)$ $2x (1 25 mm^2), 1x (1 35 mm^2)$ 2x (18 2), 1x (18 1) $1 35 mm^2$ $0.5 2.5 mm^2$ $0.5 2.5 mm^2$ $2x (0.5 1.5 mm^2), 2x (0.75 2.5 mm^2)$ $2x (0.5 1.5 mm^2), 2x (0.75 2.5 mm^2)$ 2x (20 16), 2x (18 14) | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded for auxiliary contacts solid or stranded finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for main contacts | Screw-type terminals Screw-type terminals 2x (1 35 mm²), 1x (1 50 mm²) 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 8 2), 1x (18 1) 1 35 mm² 0.5 2.5 mm² 0.5 2.5 mm² 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2,5 mm²) 2x (20 16), 2x (18 14) 18 1 | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded for auxiliary contacts solid or stranded for auxiliary contacts at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for main contacts for main contacts for auxiliary contacts | Screw-type terminals Screw-type terminals 2x (1 35 mm²), 1x (1 50 mm²) 2x (1 25 mm²), 1x (1 35 mm²) 2x (1 8 2), 1x (18 1) 1 35 mm² 0.5 2.5 mm² 0.5 2.5 mm² 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) 2x (0.5 1.5 mm²), 2x (0.75 2,5 mm²) 2x (20 16), 2x (18 14) 18 1 | | |
| at contactor for auxiliary contacts of magnet coil type of connectable conductor cross-sections for main contacts solid or stranded finely stranded with core end processing at AWG cables for main contacts connectable conductor cross-section for main contacts finely stranded with core end processing ontacts finely stranded with core end processing connectable conductor cross-section for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded finely stranded with core end processing type of connectable conductor cross-sections for auxiliary contacts solid or stranded for auxiliary contacts solid or stranded finely stranded with core end processing at AWG cables for auxiliary contacts AWG number as coded connectable conductor cross section for main contacts for auxiliary contacts for auxiliary contacts | Screw-type terminals 2x (1 35 mm²), 1x (1 50 mm²) 2x (1 25 mm²), 1x (1 35 mm²) 2x (18 2), 1x (18 1) 1 35 mm² 0.5 2.5 mm² 0.5 2.5 mm² 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) 2x (0,5 1,5 mm²), 2x (0,75 2,5 mm²) 2x (20 16), 2x (18 14) 18 1 20 14 | | |

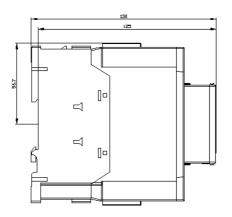
| proportion of dang | analia failunaa | | | |
|---|--|--|---|-------------------|
| | | 40.0/ | | |
| | ind rate acc. to SN 31920 | 40 % | | |
| - | and rate acc. to SN 31920 | 73 % 100 FIT | | |
| | low demand rate acc. to SN 31920 | 100 FIT | | |
| 60947-5-1 | itively driven operation acc. to IEC | No | | |
| T1 value for proof t IEC 61508 | test interval or service life acc. to | 20 у | | |
| protection class IP | on the front acc. to IEC 60529 | IP20 | | |
| touch protection of | n the front acc. to IEC 60529 | finger-safe, for vertical con- | tact from the front | |
| suitability for use | | | | |
| safety-related | switching OFF | Yes | | |
| ertificates/ approva | als | | | |
| General Product A | pproval | | | EMC |
| SP Esa | | | EHC | RCM |
| Functional Safety/Safety of Machinery | Declaration of Conformity | Test Certificates | | Marine / Shippir |
| <u>Type Examination</u> <u>Certificate</u> | UK Declaration of Conformity EG-Ke | E <u>Type Test Certific-ates/Test Report</u> | <u>Special Test Certific-</u> <u>ate</u> | ABS |
| Marine / Shipping | | | | |
| BUREAU VERITAS | Llovd's Register URS PRS | RINA | RMRS | DIVICE DIVICE |
| other | | | | |
| | | | | |
| VERITAS | Llovds Register us Prs | RINA | RMRS | DNV-G ENVILLER |

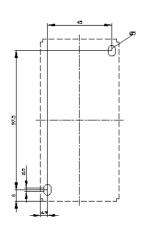
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2036-1AF00&lang=en

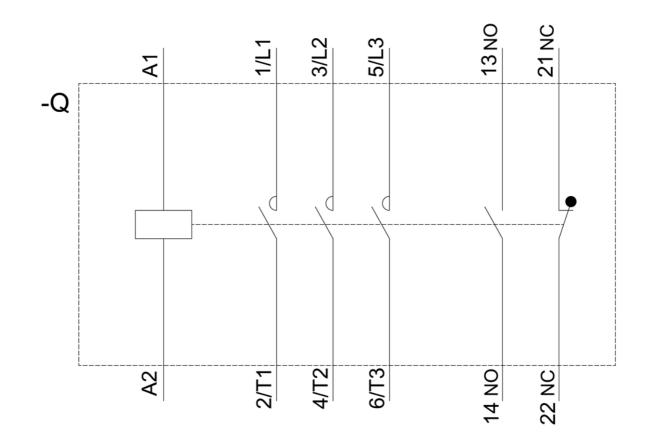
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2036-1AF00/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2036-1AF00&objecttype=14&gridview=view1









last modified:

12/21/2020 🖸