SIEMENS

Data sheet

3RT2516-2BB40

Power contactor, AC-3 9 A, 4 kW / 400 V 2 NO + 2 NC 24 V DC 4pole Size S00 Spring-type terminals



| | 0.44 |
|--------------------------|-----------|
| General technical data | |
| Product type designation | 3RT25 |
| Product designation | contactor |
| Product brand name | SIRIUS |

| Size of contactor | S00 |
|---|---------------------------|
| Product extension | |
| function module for communication | No |
| Auxiliary switch | Yes |
| 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 | 400 V |
| 60947-1 | |
| Protection class IP | |
| • on the front | IP20 |
| • of the terminal | IP20 |
| Shock resistance at rectangular impulse | |
| • at DC | 6,7g / 5 ms, 4,2g / 10 ms |
| | |

| Shock resistance with sine pulse | |
|--|----------------------------|
| • at DC | 10,5g / 5 ms, 6,6g / 10 ms |
| Mechanical service life (switching cycles) | |
| of contactor typical | 30 000 000 |
| of the contactor with added electronics- | 5 000 000 |
| compatible auxiliary switch block typical | |
| of the contactor with added auxiliary switch | 10 000 000 |
| block typical | |
| Reference code acc. to DIN EN 81346-2 | Q |
| 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 | 4 |
| Number of NO contacts for main contacts | 2 |
| Number of NC contacts for main contacts | 2 |
| Operating current | |
| ● at AC-1 | |
| — up to 690 V at ambient temperature 40 °C rated value | 18 A |
| — up to 690 V at ambient temperature 60 °C rated value | 16 A |
| • at AC-2 at AC-3 at 400 V | |
| — per NO contact rated value | 9 A |
| — per NC contact rated value | 9 A |
| Connectable conductor cross-section in main circuit at AC-1 | |
| • at 60 °C minimum permissible | 2.5 mm ² |
| • at 40 °C minimum permissible | 2.5 mm ² |
| Operating current | |
| • at 1 current path at DC-1 | |
| — at 24 V rated value | 20 A |
| — at 110 V rated value | 2.1 A |
| — at 220 V rated value | 0.8 A |
| — at 440 V rated value | 0.6 A |
| with 2 current paths in series at DC-1 | |
| — at 24 V rated value | 20 A |
| — at 110 V rated value | 12 A |
| — at 220 V rated value | 1.6 A |
| | |

| Operating oursentIf A• at 1 current path at DC-3 at DC-516 A- at 24 V per NC contact rated value16 A- at 24 V per NC contact rated value16 A- at 110 V per NC contact rated value0.075 A- at 110 V per NC contact rated value0.15 A- at 220 V per NC contact rated value0.375 A- at 220 V per NC contact rated value0.75 A- at 220 V per NC contact rated value0.75 A• with 2 current paths in series at DC-3 at DC-5- at 24 V per NC contact rated value16 A- at 24 V per NC contact rated value16 A- at 24 V per NC contact rated value0.175 A- at 24 V per NC contact rated value0.175 A- at 24 V per NC contact rated value0.35 AOperating power0.35 A- at 230 V rated value6.5 kW- at 230 V rated value11 kW• at AC-12.2 kW- at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value4 kW- at 230 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value10 000 1/h- at AC-110 000 1/h- at AC-110 000 1/h- at AC-110 000 1/h | — at 440 V rated value | 0.8 A |
|--|---|------------|
| | | |
| | | |
| | | 16 A |
| | • | 16 A |
| | · | 0.075 A |
| - at 220 V per NC contact rated value0.375 Å- at 220 V per NO contact rated value0.75 Å- at 24 V per NC contact rated value16 Å- at 24 V per NO contact rated value16 Å- at 24 V per NO contact rated value0.75 Å- at 10 V per NC contact rated value0.375 Å- at 110 V per NC contact rated value0.375 Å- at 110 V per NC contact rated value0.375 Å- at 110 V per NC contact rated value0.375 Å- at 230 V rated value0.35 Å- at 230 V rated value0.5 kW- at 230 V per NC contact rated value2.2 kW- at 200 V per NC contact rated value2.2 kW- at 200 V per NC contact rated value4 kW- at 200 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value7 W- at 400 V per NC contact rated value10 000 1/h- at 400 V per NC contact rated value10 000 1/h- at AC-110 000 1/h- at AC-110 000 1/h- at AC-110 000 1/h- at AC-110 000 1/h- at AC-124 VOperating frequency24 V- at AC-124 V- at AC-124 VOperating requency24 V- at AC-10.8- at AC-14 | | 0.15 A |
| | · | 0.375 A |
| with 2 current paths in series at DC-3 at DC-5 at 24 V per NC contact rated value at 24 V per NC contact rated value at 10 V per NC contact rated value at 230 V per NC contact rated value at 200 V per NC contact rated value at 200 V per NC contact rated value at 400 V pe | | 0.75 A |
| - at 24 V per NC contact rated value16 Å- at 24 V per NO contact rated value16 Å- at 110 V per NC contact rated value0.175 Å- at 110 V per NO contact rated value0.35 ÅOperating power6.5 kW- at 230 V rated value11 kW- at 230 V rated value11 kW- at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value4 kW- at 200 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value10 000 1/h- at 400 V per NC contact rated value10 000 1/h- at 400 V per NC contact rated value2 kW- at 400 V per NC contact rated value2 kW- at 400 V per NC contact rated value10 000 1/h- at 400 V per NC contact rated value2 kW- at 400 V per NC contact rated value2 kW- at 400 V per NC contact rated value2 kW- at 400 V per NC contact rated value10 000 1/h- at 400 V2 kW- at 400 V per NC contact rated value2 kW- at 400 V2 kW- at 400 V3 kG <td></td> <td></td> | | |
| - at 24 V per NO contact rated value16 A- at 110 V per NC contact rated value0.175 A- at 110 V per NO contact rated value0.35 AOperating power at 230 V rated value6.5 kW- at 230 V rated value6.5 kW- at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value2.2 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value7- at 400 V per NC contact rated value4 kWPower loss [W] at AC-3 at 400 V for rated value0.7 WPower loss [W] at AC-3 at 400 V for rated value10 000 1/h- at AC10 000 1/h- at DC10 000 1/h- at AC1000 1/h- at AC24 VOperating frequency24 V- at AC-1 maximum1000 1/h- at AC-1 maximum24 VOperating range factor control supply voltage rated value of magnet coll at DC24 VOperating range factor control supply voltage rated value of magnet coll at DC4 W- full-scale value0.8- full-scale value4 W- full-scale value4 W- full-scale value4 W- full-scale value4 W- full-scale value4 W< | · | 16 A |
| - at 110 V per NC contact rated value0.175 Å- at 110 V per NO contact rated value0.35 ÅOperating power • at AC-1 at 230 V rated value6.5 kW- at 400 V rated value11 kW• at AC-2 at AC-3 at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value4 kW- at 230 V per NC contact rated value4 kW- at 200 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value10 000 1/h- at AC10 000 1/h• at AC10 000 1/h• at AC100 001 1/h• at AC100 001 1/h• at AC10000 1/h• at AC1000 1/h• at AC10000 1/h• at AC10000 1/h• at AC10000 1/h• at AC10000 1/h <td></td> <td>16 A</td> | | 16 A |
| at 110 V per NO contact rated value0.35 ÅOperating power • at AC-1 - at 230 V rated value6.5 kW at 230 V rated value6.5 kW at 400 V rated value11 kW• at AC-3 - at 230 V per NC contact rated value2.2 kW at 230 V per NC contact rated value2.2 kW at 400 V per NC contact rated value4 kW at 400 V per NC contact rated value4 kW at 400 V per NO contact rated value4 kW at 400 V per NO contact rated value4 kW at 400 V per NO contact rated value10 000 1/h at AC10 000 1/h at AC10 000 1/h at AC10 000 1/h at AC-1 maximum1000 1/hOperating frequency • at AC-1 maximumDC control circuit/ ControlDC control supply voltage at DC • rated valueDC control circuit/ ControlDC control supply voltage at DC • rated value0.8 initial value0.8 initial value0.8 initial value1.1Closing power of magnet coil at DC • Full-scale value4 full-scale value4 full-scale value4 full-scale value4 full-scale value4 colid power of magnet coil at DC • Full-scale value4 full-scale value4 full-scale value4 full-scale value4 full-scale value4 full-scale value4 <t< td=""><td>·</td><td>0.175 A</td></t<> | · | 0.175 A |
| Operating power at AC-1 at AC-1 at 230 V rated value bt AC-2 at 400 V rated value at AC-2 at AC-3 at 230 V per NC contact rated value 2.2 kW at 20 V per NC contact rated value 2.2 kW at 400 V per NC contact rated value 2.2 kW at 400 V per NC contact rated value 2.2 kW at 400 V per NC contact rated value 4 kW Power loss [M] at AC-3 at 400 V for rated value of the operating current per conductor No-load switching frequency at AC 10 000 1/h 10 000 1/h Operating frequency at AC-1 maximum Control circuit/ Control Type of voltage at DC irated value 54 V Operating range factor control supply voltage rated value of the control supply voltage rated value of the control supply voltage rated value initial value 0.8 initial value 0.8 initial value 0.8 initial value 1.1 Closing power of magnet coil at DC 4 W Holding power of magnet coil at DC 4 W Closing delay A W Closing delay | · | 0.35 A |
| at 230 V rated value6.5 kW at 400 V rated value11 kW• at AC-2 at AC-3 at 230 V per NC contact rated value2.2 kW at 230 V per NC contact rated value2.2 kW at 400 V per NC contact rated value4 kW at 400 V per NC contact rated value4 kW at 400 V per NC contact rated value4 kW at 400 V per NO contact rated value4 kWPower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor0.7 WNolcad switching frequency • at AC10 000 1/h- at DC10 000 1/hOperating frequency • at AC-1 maximum1 000 1/h• at AC-1 maximum1 000 1/hControl circuit/ ControlDCControl supply voltage at DC • rated value24 VOperating range factor control supply voltage rated value of magnet coil at DC0.8• initial value0.8• Full-scale value1.1Closing power of magnet coil at DC4 WHolding power of magnet coil at DC4 WHolding power of magnet coil at DC4 W | · | |
| Initial value11 kW- at 400 V rated value11 kW• at AC-2 at AC-32.2 kW- at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value2.2 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kWPower loss [M] at AC-3 at 400 V for rated value of the operating current per conductor0.7 WNo-load switching frequency • at AC10 000 1/h• at AC10 000 1/h• at AC10 000 1/h• at AC-1 maximum1 000 1/hOperating frequency • at AC-1 maximumDC• control circuit/ Control24 VControl supply voltage at DC • rated value24 VOperating range factor control supply voltage rated value of magnet coil at DC0.8• initial value0.8• Full-scale value1.1Closing power of magnet coil at DC4 WHolding power of magnet coil at DC4 WHolding power of magnet coil at DC4 WClosing delay4 W | • at AC-1 | |
| • at AC-2 at AC-3 - at 230 V per NC contact rated value - at 230 V per NC contact rated value - at 230 V per NC contact rated value - at 400 V per NC contact rated value - at 400 V per NC contact rated value - at 400 V per NC contact rated value - at 400 V per NC contact rated value - at 400 V per NC contact rated value - at 400 V per NC contact rated value - at 400 V per NC contact rated value - at 400 V per NC contact rated value - at 400 V per NC contact rated value - at 400 V per NC contact rated value - at AC-3 at 400 V for rated value of - at AC - at AC-1 maximum Operating frequency - at AC-1 maximum Control circuit/ Control Type of voltage of the control supply voltage - at AC-1 maximum DC Control circuit/ Control Control supply voltage at DC - rated value - value of magnet coil at DC - initial value - Full-scale value 1.1 Closing power of magnet coil at DC 4 W Holding power of magnet coil at DC 4 W Closing delay | — at 230 V rated value | 6.5 kW |
| - at 230 V per NC contact rated value2.2 kW- at 230 V per NC contact rated value2.2 kW- at 400 V per NC contact rated value4 kW- at 400 V per NC contact rated value4 kWPower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor0.7 WNo-load switching frequency10 000 1/h• at AC10 000 1/h• at AC10 000 1/h• at AC-1 maximum1000 1/hOperating frequency-• at AC-1 maximumDCControl circuit/ Control24 VOperating range factor control supply voltage rated value of magnet coil at DC0.8• initial value0.8• Full-scale value1.1Closing power of magnet coil at DC4 WHoding power of magnet coil at DC4 W | — at 400 V rated value | 11 kW |
| | • at AC-2 at AC-3 | |
| A tension of point of contact rated value4 kW- at 400 V per NC contact rated value4 kWPower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor0.7 WNo-load switching frequency0.7 W• at AC10 000 1/h• at DC10 000 1/hOperating frequency1 0000 1/h• at AC-1 maximum1 0000 1/hOperating frequency1 0000 1/h• at AC-1 maximumDCControl circuit/ Control24 VOperating range factor control supply voltage rated value of magnet coil at DC0.8• initial value0.8• Full-scale value1.1Closing power of magnet coil at DC4 WHolding power of magnet coil at DC4 W | — at 230 V per NC contact rated value | 2.2 kW |
| at 400 V per NO contact rated value4 kWPower loss [W] at AC-3 at 400 V for rated value of the operating current per conductor0.7 WNo-load switching frequency10 000 1/h• at AC10 000 1/h• at DC10 000 1/hOperating frequency • at AC-1 maximum1 000 1/hOperating frequency • at AC-1 maximum0.00 1/hControl circuit/ ControlDCControl supply voltage at DC • rated value24 VOperating range factor control supply voltage rated value of magnet coil at DC0.8• initial value0.8• Full-scale value1.1Closing power of magnet coil at DC Holding power of magnet coil at DC4 WHolding power of magnet coil at DC4 W | — at 230 V per NO contact rated value | 2.2 kW |
| Power loss [W] at AC-3 at 400 V for rated value of the operating current per conductor 0.7 W No-load switching frequency at AC 10 000 1/h 10 000 1/h • at AC 10 000 1/h • at AC 10 000 1/h • at AC-1 maximum 10 000 1/h Operating frequency • at AC-1 maximum Control circuit/ Control Control supply voltage at DC • rated value DC Operating range factor control supply voltage rated value of magnet coil at DC 24 V • initial value 0.8 • Full-scale value 0.8 • Full-scale value 4 W Holding power of magnet coil at DC 4 W | — at 400 V per NC contact rated value | 4 kW |
| the operating current per conductor Intercent of the control supply voltage No-load switching frequency 10 000 1/h • at AC 10 000 1/h Operating frequency 10000 1/h • at AC-1 maximum 1 0000 1/h Operating frequency • at AC-1 maximum 1 000 1/h Control circuit/ Control DC Control supply voltage at DC • rated value 24 V Operating range factor control supply voltage rated value 0.8 • initial value 0.8 • Full-scale value 1.1 Closing power of magnet coil at DC 4 W Holding power of magnet coil at DC 4 W | — at 400 V per NO contact rated value | 4 kW |
| • at AC10 000 1/h• at DC10 000 1/hOperating frequency • at AC-1 maximum1 000 1/h• at AC-1 maximum1 000 1/hControl circuit/ ControlDCControl supply voltage of the control supply voltage • rated valueDCControl supply voltage at DC • rated value24 VOperating range factor control supply voltage rated | | 0.7 W |
| • at DC10 000 1/hOperating frequency • at AC-1 maximum1 000 1/hControl circuit/ ControlDCControl supply voltage of the control supply voltage • rated valueDCControl supply voltage at DC • rated value24 VOperating range factor control supply voltage rated value of magnet coil at DC0.8• Full-scale value1.1Closing power of magnet coil at DC Holding power of magnet coil at DC4 WClosing delayI | No-load switching frequency | |
| Operating frequency 1 000 1/h • at AC-1 maximum 1 000 1/h Control circuit/ Control DC Control supply voltage at DC • rated value • rated value 24 V Operating range factor control supply voltage rated value of magnet coil at DC 0.8 • initial value 0.8 • Full-scale value 1.1 Closing power of magnet coil at DC 4 W Holding power of magnet coil at DC 4 W | • at AC | 10 000 1/h |
| • at AC-1 maximum1 000 1/hControl circuit/ ControlDCType of voltage of the control supply voltageDCControl supply voltage at DC24 V• rated value24 VOperating range factor control supply voltage rated value of magnet coil at DC0.8• initial value0.8• Full-scale value1.1Closing power of magnet coil at DC4 WHolding power of magnet coil at DC4 W | • at DC | 10 000 1/h |
| Control circuit/ Control Type of voltage of the control supply voltage DC Control supply voltage at DC 24 V • rated value 24 V Operating range factor control supply voltage rated value of magnet coil at DC 0.8 • initial value 0.8 • Full-scale value 4 W Holding power of magnet coil at DC 4 W | Operating frequency | |
| Type of voltage of the control supply voltageDCControl supply voltage at DC24 V• rated value24 VOperating range factor control supply voltage rated value of magnet coil at DC0.8• initial value0.8• Full-scale value1.1Closing power of magnet coil at DC4 WHolding power of magnet coil at DC4 W | • at AC-1 maximum | 1 000 1/h |
| Control supply voltage at DC24 V• rated value24 VOperating range factor control supply voltage rated value of magnet coil at DC0.8• initial value0.8• Full-scale value1.1Closing power of magnet coil at DC4 WHolding power of magnet coil at DC4 W | Control circuit/ Control | |
| • rated value24 VOperating range factor control supply voltage rated value of magnet coil at DC0.8• initial value0.8• Full-scale value1.1Closing power of magnet coil at DC4 WHolding power of magnet coil at DC4 W | Type of voltage of the control supply voltage | DC |
| Operating range factor control supply voltage rated value of magnet coil at DC 0.8 • initial value 0.8 • Full-scale value 1.1 Closing power of magnet coil at DC 4 W Holding power of magnet coil at DC 4 W | Control supply voltage at DC | |
| value of magnet coil at DC 0.8 • initial value 0.1 • Full-scale value 1.1 Closing power of magnet coil at DC 4 W Holding power of magnet coil at DC 4 W Closing delay | | 24 V |
| | | |
| Closing power of magnet coil at DC 4 W Holding power of magnet coil at DC 4 W Closing delay 4 W | • initial value | 0.8 |
| Holding power of magnet coil at DC 4 W Closing delay 4 W | • Full-scale value | 1.1 |
| Closing delay | Closing power of magnet coil at DC | 4 W |
| | Holding power of magnet coil at DC | 4 W |
| • at DC 30 100 ms | Closing delay | |
| | • at DC | 30 100 ms |

| Opening delay | |
|--|---|
| • at DC | 7 13 ms |
| Arcing time | 10 15 ms |
| Residual current of the electronics for control with signal <0> | |
| • at DC at 24 V maximum permissible | 0.01 A |
| Auxiliary circuit | |
| Number of NC contacts for auxiliary contacts | |
| instantaneous contact | 0 |
| Number of NO contacts for auxiliary contacts | |
| instantaneous contact | 0 |
| Operating current at AC-12 maximum | 10 A |
| Operating current at AC-15 | |
| • at 230 V rated value | 10 A |
| • at 400 V rated value | 3 A |
| Operating current at DC-12 | |
| • 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 |
| Operating 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 220 V rated value | 0.3 A |
| • at 600 V rated value | 0.1 A |
| Contact reliability of auxiliary contacts | 1 faulty switching per 100 million (17 V, 1 mA) |
| | · · · · · · · · · · · · · · · · · · · |
| UL/CSA ratings | |
| Yielded mechanical performance [hp] | |
| for single-phase AC motor | 0.00 hz |
| — at 110/120 V rated value | 0.33 hp |
| — at 230 V rated value | 1 hp |
| Contact rating of auxiliary contacts according to UL | A600 / Q600 |
| Short-circuit protection | |
| Design of the fuse link | |
| for short-circuit protection of the main circuit | |
| - with type of coordination 1 required | gG: 35 A (690 V, 100 kA) |
| — with type of assignment 2 required | gG: 20A (690V, 100kA) |

• for short-circuit protection of the auxiliary switch required

| Mounting position | +/-180° rotation possible on vertical mounting surface; can be | | |
|--|--|--|--|
| | tilted forward and backward by +/- 22.5° on vertical mounting surface | | |
| Mounting type | screw and snap-on mounting onto 35 mm standard mounting rail according to DIN EN 50022 | | |
| Side-by-side mounting | Yes | | |
| Height | 70 mm | | |
| Width | 45 mm | | |
| Depth | 73 mm | | |
| Required spacing | | | |
| with side-by-side mounting | | | |
| — forwards | 0 mm | | |
| — Backwards | 0 mm | | |
| — upwards | 0 mm | | |
| — downwards | 0 mm | | |
| — at the side | 0 mm | | |
| for grounded parts | | | |
| — forwards | 0 mm | | |
| — Backwards | 0 mm | | |
| — upwards | 0 mm | | |
| — at the side | 6 mm | | |
| — downwards | 0 mm | | |
| • for live parts | | | |
| — forwards | 0 mm | | |
| — Backwards | 0 mm | | |
| — upwards | 0 mm | | |
| — downwards | 0 mm | | |
| — at the side | 6 mm | | |

fuse gG: 10 A

Connections/Terminals

| lype of electrical connection | |
|--|-------------------------|
| • for main current circuit | spring-loaded terminals |
| • for auxiliary and control current circuit | spring-loaded terminals |
| Type of connectable conductor cross-sections | |
| for main contacts | |
| — solid | 2x (0.5 4 mm²) |
| — single or multi-stranded | 2x (0,5 4 mm²) |
| — finely stranded with core end processing | 2x (0.5 2.5 mm²) |
| — finely stranded without core end | 2x (0.5 2.5 mm²) |
| processing | |

.

| at AWG conductors for main contact | ts | 2x (20 12) | | |
|--|-----------------------------|--------------------------------|-------------------------------|------------------------------|
| Type of connectable conductor cross-sect | tions | | | |
| for auxiliary contacts | | | | |
| — solid | | 2x (0.5 4 mm²) | | |
| — single or multi-stranded | | 2x (0,5 4 mm²) | | |
| — finely stranded with core end pr | rocessing | 2x (0.5 2.5 mm²) | | |
| — finely stranded without core end | | 2x (0.5 2.5 mm²) | | |
| processing | | · · · | | |
| at AWG conductors for auxiliary contacts | | 2x (20 12) | | |
| AWG number as coded connectable cond section for main contacts | luctor cross | 20 12 | | |
| Safety related data | | | | |
| Product function | | | | |
| • Mirror contact acc. to IEC 60947-4-1 | 1 | Yes; with 3RH29 | | |
| positively driven operation acc. to IE | EC 60947-5- | No | | |
| T1 value for proof test interval or service I | ife acc. to | 20 y | | |
| IEC 61508 | | 20 y | | |
| Protection against electrical shock | | finger-safe | | |
| Certificates/approvals | | | | |
| General Product Approval | | | Functional Safety/Safety | Declaration of Conformity |
| | | | of Machinery | Comonita |
| | | EAC | | EG-Konf. |
| CCC Image: Constraint of the second seco | g | EAC | of Machinery Type Examination | CE |
| Test Certific- Marine / Shipping | g B D R E A D VERITAS | ERIC LRS | of Machinery Type Examination | CE |
| Test Certific- ates Marine / Shipping Type Test Certific- ates/Test Report Image: Certific- ates/Test Report | B U R E A U | L I I I Lloyd's Kegister | of Machinery Type Examination | EG-Konf. |
| Test Certific- ates Marine / Shipping Type Test Certific- ates/Test Report Image: Certific- ates/Test Report ABS | B U R E A U VERITAS | L III Loyds Kegister LRS | of Machinery Type Examination | EG-Konf. |

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

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2516-2BB40

Cax online generator

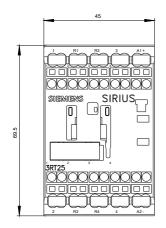
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2516-2BB40

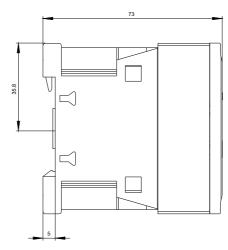
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RT2516-2BB40

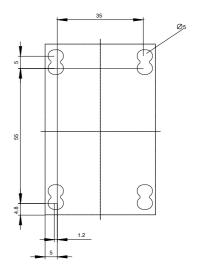
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2516-2BB40&lang=en

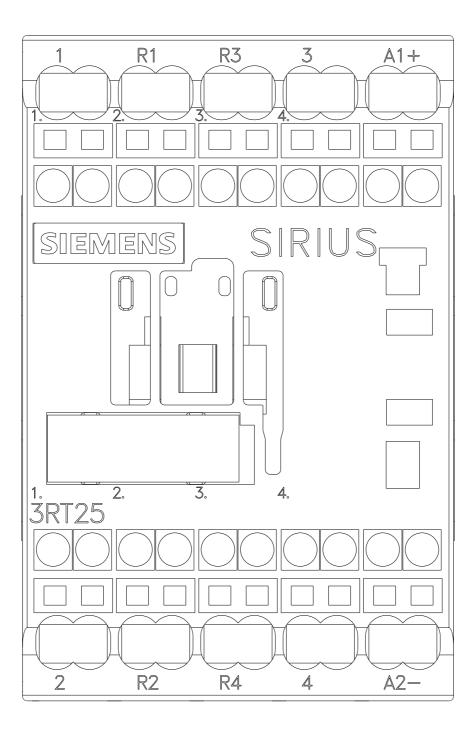
Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT2516-2BB40/char

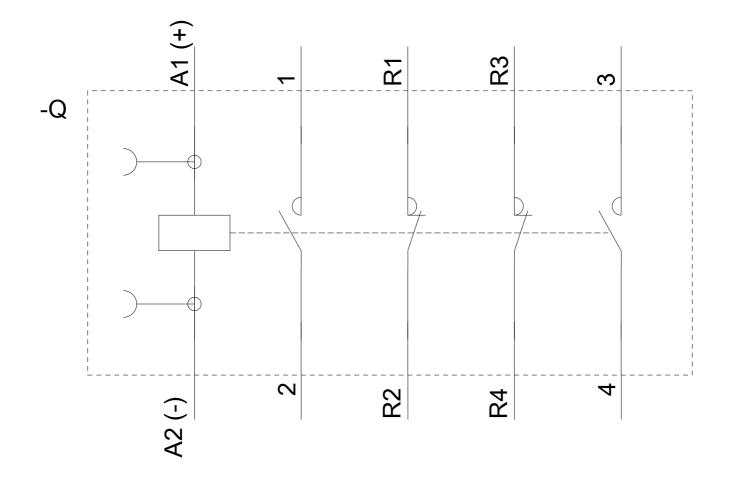
Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2516-2BB40&objecttype=14&gridview=view1











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