SIEMENS

Data sheet

3RT1076-2NB36



power contactor, AC-3 500 A, 250 kW / 400 V AC (50-60 Hz) / DC 21-27.3 V AC/DC auxiliary contacts 2 NO + 2 NC 3-pole, frame size S12 busbar connections drive: electronic with PLC interface 24 V DC spring-loaded terminal

| product brand name | SIRIUS |
|---|----------------------------|
| product designation | Power contactor |
| product type designation | 3RT1 |
| General technical data | |
| size of contactor | S12 |
| 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 | 165 W |
| at AC in hot operating state per pole | 55 W |
| without load current share typical | 3.6 W |
| 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 | 500 V |
| surge voltage resistance | |
| of main circuit rated value | 8 kV |
| of auxiliary circuit rated value | 6 kV |
| maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1 | 690 V |
| shock resistance at rectangular impulse | |
| • at AC | 8,5g / 5 ms, 4,2g / 10 ms |
| • at DC | 8,5g / 5 ms, 4,2g / 10 ms |
| shock resistance with sine pulse | |
| • at AC | 13,4g / 5 ms, 6,5g / 10 ms |
| • at DC | 13,4g / 5 ms, 6,5g / 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 according to IEC 81346-2 | Q |
| Substance Prohibitance (Date) | 05/01/2012 |
| 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 % |
| lain 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 | 610 A |
| rated value | |
| ● at AC-1 | |
| — up to 690 V at ambient temperature 40 °C | 610 A |
| rated value | |
| — up to 690 V at ambient temperature 60 °C | 550 A |
| rated value | |
| — up to 1000 V at ambient temperature 40 °C | 200 A |
| rated value | |
| — up to 1000 V at ambient temperature 60 °C | 200 A |
| rated value | |
| • at AC-3 | |
| — at 400 V rated value | 500 A |
| — at 500 V rated value | 500 A |
| — at 690 V rated value | 450 A |
| — at 1000 V rated value | 180 A |
| • at AC-3e | |
| — at 400 V rated value | 500 A |
| — at 500 V rated value | 500 A |
| — at 690 V rated value | 450 A |
| — at 1000 V rated value | 180 A |
| at AC-4 at 400 V rated value | 430 A |
| at AC-5a up to 690 V rated value | 536 A |
| at AC-5b up to 400 V rated value | 415 A |
| ● at AC-6a | |
| — up to 230 V for current peak value n=20 rated | 414 A |
| value | |
| — up to 400 V for current peak value n=20 rated | 414 A |
| value | |
| — up to 500 V for current peak value n=20 rated | 414 A |
| value | |
| — up to 690 V for current peak value n=20 rated | 414 A |
| value | |
| — up to 1000 V for current peak value n=20 rated | 180 A |
| value | |
| • at AC-6a | 070 4 |
| — up to 230 V for current peak value n=30 rated value | 276 A |
| | 276 A |
| — up to 400 V for current peak value n=30 rated value | 210 A |
| — up to 500 V for current peak value n=30 rated | 276 A |
| value | |
| — up to 690 V for current peak value n=30 rated | 276 A |
| value | |
| — up to 1000 V for current peak value n=30 rated | 180 A |
| value | |
| minimum cross-section in main circuit at maximum AC-1 | 370 mm² |
| rated value | |
| operational current for approx. 200000 operating | |
| cycles at AC-4 | 475 0 |
| • at 400 V rated value | 175 A |
| at 690 V rated value | 150 A |
| operational current | |

| — at 24 V rated value | 400 A |
|--|-------------|
| — at 110 V rated value | 33 A |
| — at 220 V rated value | 3.8 A |
| — at 440 V rated value | 0.9 A |
| — at 600 V rated value | 0.6 A |
| with 2 current paths in series at DC-1 | |
| — at 24 V rated value | 400 A |
| — at 110 V rated value | 400 A |
| — at 220 V rated value | 400 A |
| — at 440 V rated value | 4 A |
| — at 600 V rated value | 2 A |
| with 3 current paths in series at DC-1 | |
| — at 24 V rated value | 400 A |
| — at 110 V rated value | 400 A |
| — at 220 V rated value | 400 A |
| — at 440 V rated value | 11 A |
| — at 600 V rated value | 5.2 A |
| at 1 current path at DC-3 at DC-5 | |
| — at 24 V rated value | 400 A |
| — at 110 V rated value | 3 A |
| — at 220 V rated value | 0.6 A |
| — at 440 V rated value | 0.18 A |
| — at 600 V rated value | 0.125 A |
| with 2 current paths in series at DC-3 at DC-5 | |
| — at 24 V rated value | 400 A |
| — at 110 V rated value | 400 A |
| — at 220 V rated value | 2.5 A |
| — at 440 V rated value | 0.65 A |
| — at 600 V rated value | 0.37 A |
| with 3 current paths in series at DC-3 at DC-5 | |
| — at 24 V rated value | 400 A |
| — at 110 V rated value | 400 A |
| — at 220 V rated value | 400 A |
| — at 440 V rated value | 1.4 A |
| — at 600 V rated value | 0.75 A |
| operating power | |
| • at AC-3 | |
| — at 230 V rated value | 160 kW |
| — at 400 V rated value | 250 kW |
| — at 500 V rated value | 315 kW |
| — at 690 V rated value | 400 kW |
| — at 1000 V rated value | 250 kW |
| • at AC-3e | |
| — at 230 V rated value | 160 kW |
| — at 400 V rated value | 250 kW |
| — at 500 V rated value | 315 kW |
| — at 690 V rated value | 400 kW |
| — at 1000 V rated value | 250 kW |
| operating power for approx. 200000 operating cycles at AC-4 | |
| • at 400 V rated value | 98 kW |
| at 690 V rated value | 148 kW |
| operating apparent power at AC-6a | |
| • up to 230 V for current peak value n=20 rated value | 160 000 kVA |
| up to 400 V for current peak value n=20 rated value | 280 000 VA |
| • up to 500 V for current peak value n=20 rated value | 350 000 VA |
| up to 690 V for current peak value n=20 rated value | 490 000 VA |
| up to 1000 V for current peak value n=20 rated value | 310 000 VA |
| operating apparent power at AC-6a | |
| up to 230 V for current peak value n=30 rated value | 110 000 VA |
| | |

| up to 400 V for current peak value n=30 rated value | 190 000 VA |
|---|---|
| up to 500 V for current peak value n=30 rated value | 230 000 VA |
| up to 690 V for current peak value n=30 rated value | 330 000 VA |
| up to 1000 V for current peak value n=30 rated | 310 000 VA |
| value | |
| short-time withstand current in cold operating state up to 40 °C | |
| limited to 1 s switching at zero current maximum | 7 484 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 5 s switching at zero current maximum | 7 484 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 10 s switching at zero current maximum | 5 978 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 30 s switching at zero current maximum | 3 765 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 60 s switching at zero current maximum | 2 887 A; Use minimum cross-section acc. to AC-1 rated value |
| no-load switching frequency | |
| • at AC | 1 000 1/h |
| • at DC | 1 000 1/h |
| operating frequency | |
| • at AC-1 maximum | 500 1/h |
| • at AC-2 maximum | 170 1/h |
| • at AC-3 maximum | 420 1/h |
| • at AC-3e maximum | 420 1/h |
| • at AC-4 maximum | 130 1/h |
| Control circuit/ Control | |
| type of voltage of the control supply voltage | AC/DC |
| control supply voltage at AC | |
| • at 50 Hz rated value | 21 27.3 V |
| • at 60 Hz rated value | 21 27.3 V |
| control supply voltage at DC | |
| rated value | 21 27.3 V |
| type of PLC-control input according to IEC 60947-1 | Туре 2 |
| consumed current at PLC-control input according to | 20 mA |
| IEC 60947-1 maximum | |
| voltage at PLC-control input rated value | 24 V |
| operating range factor of the voltage at PLC-control | 0.8 1.1 |
| input | |
| operating range factor control supply voltage rated value of magnet coil at DC | |
| • initial value | 0.8 |
| • full-scale value | 1.1 |
| operating range factor control supply voltage rated | |
| value of magnet coil at AC | |
| • at 50 Hz | 0.8 1.1 |
| • at 60 Hz | 0.8 1.1 |
| design of the surge suppressor | with varistor |
| apparent pick-up power of magnet coil at AC | |
| • at 50 Hz | 750 VA |
| • at 60 Hz | 750 VA |
| inductive power factor with closing power of the coil | |
| • at 50 Hz | 0.8 |
| • at 60 Hz | 0.8 |
| apparent holding power of magnet coil at AC | |
| • at 50 Hz | 7 VA |
| • at 60 Hz | 7 VA |
| inductive power factor with the holding power of the coil | |
| • at 50 Hz | 0.8 |
| • at 60 Hz | 0.8 |
| closing power of magnet coil at DC | 800 W |
| holding power of magnet coil at DC | 3.6 W |
| closing delay | |
| • at AC | 60 90 ms |
| • at DC | 60 90 ms |
| opening delay | |

| • at AC 80 100 ms • at DC 80 100 ms arcing time 10 15 ms control version of the switch operating mechanism PLC-IN or Standard A1 - A2 (adjustable) Auxiliary circuit Pumber of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts 2 instantaneous contact 2 operational current at AC-12 maximum 10 A operational current at AC-15 6 A • at 230 V rated value 6 A • at 300 V rated value 3 A • at 690 V rated value 1 A operational current at DC-12 | |
|--|----------|
| arcing time10 15 mscontrol version of the switch operating mechanismPLC-IN or Standard A1 - A2 (adjustable)Auxiliary circuitPLC-IN or Standard A1 - A2 (adjustable)Auxiliary circuit2number of NC contacts for auxiliary contacts instantaneous contact2number of NO contacts for auxiliary contacts instantaneous contact2operational current at AC-12 maximum10 Aoperational current at AC-156 A• at 230 V rated value6 A• at 400 V rated value2 A• at 600 V rated value10 Aoperational current at DC-12 | |
| Control version of the switch operating mechanismPLC-IN or Standard A1 - A2 (adjustable)Auxiliary circuitPumber of NC contacts for auxiliary contacts instantaneous contact2number of NO contacts for auxiliary contacts instantaneous contact2operational current at AC-12 maximum10 Aoperational current at AC-156 A• at 230 V rated value3 A• at 600 V rated value1 Aoperational current at DC-1210 A• at 24 V rated value6 A• at 25 V rated value6 A• at 260 V rated value6 A• at 27 V rated value6 A• at 28 V rated value10 A• at 29 V rated value6 A• at 20 V rated value6 A• at 20 V rated value6 A• at 20 V rated value10 A• at 24 V rated value10 A• at 25 V rated value2 A• at 20 V rated value10 A• at 220 V rated value2 A• at 220 V rated value2 A• at 220 V rated value1 A• at 24 V rated value1 A• at 24 V rated value2 A• at 25 V rated value2 A• at 600 V rated value2 A• at 48 V rated val | |
| Auxiliary circuit 2 number of NC contacts for auxiliary contacts instantaneous contact 2 number of NO contacts for auxiliary contacts instantaneous contact 2 operational current at AC-12 maximum 10 A operational current at AC-15 6 A • at 230 V rated value 3 A • at 500 V rated value 2 A • at 600 V rated value 10 A operational current at DC-12 10 A • at 60 V rated value 6 A • at 60 V rated value 6 A • at 60 V rated value 6 A • at 60 V rated value 10 A operational current at DC-12 10 A • at 60 V rated value 6 A • at 10 V rated value 6 A • at 22 V rated value 2 A • at 25 V rated value 2 A • at 220 V rated value 1 A operational current at DC-13 10 A • at 24 V rated value 2 A • at 60 V rated value 2 A • at 48 | |
| number of NC contacts for auxiliary contacts2instantaneous contact2number of NO contacts for auxiliary contacts2instantaneous contact2operational current at AC-12 maximum10 Aoperational current at AC-156 A• at 230 V rated value6 A• at 400 V rated value2 A• at 690 V rated value10 Aoperational current at DC-1210 A• at 690 V rated value10 A• at 690 V rated value6 A• at 24 V rated value6 A• at 60 V rated value6 A• at 110 V rated value6 A• at 220 V rated value10 A• at 220 V rated value2 A• at 220 V rated value2 A• at 220 V rated value1 A• at 220 V rated value2 A• at 220 V rated value1 A• at 220 V rated value2 A• at 220 V rated value2 A• at 220 V rated value1 A• at 600 V rated value2 A• at 24 V rated value2 A• at 60 V rated value2 A• at 110 V rated value1 A< | |
| instantaneous contactnumber of NO contacts for auxiliary contacts instantaneous contact2operational current at AC-12 maximum10 Aoperational current at AC-156 A• at 230 V rated value3 A• at 400 V rated value2 A• at 600 V rated value1 Aoperational current at DC-12 | |
| instantaneous contact10 Aoperational current at AC-12 maximum10 Aoperational current at AC-156 A• at 230 V rated value3 A• at 400 V rated value3 A• at 500 V rated value1 A• at 690 V rated value1 Aoperational current at DC-12 | |
| operational current at AC-15• at 230 V rated value6 A• at 400 V rated value3 A• at 500 V rated value2 A• at 690 V rated value1 Aoperational current at DC-12• at 24 V rated value10 A• at 48 V rated value6 A• at 60 V rated value3 A• at 10 V rated value6 A• at 220 V rated value3 A• at 220 V rated value2 A• at 220 V rated value1 A• at 600 V rated value1 A• at 220 V rated value2 A• at 220 V rated value1 A• at 600 V rated value1 A• at 600 V rated value2 A• at 600 V rated value2 A• at 110 V rated value1 A• at 600 V rated value2 A• at 125 V rated value10 A• at 220 V rated value1 A• at 600 V rated value2 A• at 10 V rated value1 A• at 24 V rated value2 A• at 10 V rated value2 A• at 10 V rated value2 A• at 10 V rated value1 A• at 110 V rated value1 A• at 125 V rated value0.9 A | |
| .6 A• at 230 V rated value3 A• at 400 V rated value2 A• at 500 V rated value1 Aoperational current at DC-12-• at 24 V rated value10 A• at 48 V rated value6 A• at 60 V rated value3 A• at 10 V rated value3 A• at 220 V rated value0.15 Aoperational current at DC-13-• at 24 V rated value10 A• at 600 V rated value2 A• at 600 V rated value2 A• at 220 V rated value1 A• at 600 V rated value2 A• at 600 V rated value2 A• at 600 V rated value2 A• at 100 V rated value1 A• at 25 V rated value10 A• at 24 V rated value10 A• at 24 V rated value10 A• at 25 V rated value2 A• at 24 V rated value2 A• at 25 V rated value2 A• at 26 V rated value2 A• at 25 V rated value2 A• at 10 V rated value1 A• at 125 V rated value1 A• at 125 V rated value0.9 A | |
| at 400 V rated value at 500 V rated value at 690 V rated value at 690 V rated value at 690 V rated value at 24 V rated value at 48 V rated value 6 A at 60 V rated value 6 A at 110 V rated value 3 A at 220 V rated value 2 A at 600 V rated value 10 A at 220 V rated value 0.15 A operational current at DC-13 at 24 V rated value 10 A at 60 V rated value 10 A at 24 V rated value 10 A at 48 V rated value 10 A at 110 V rated value 10 A at 24 V rated value 10 A at 48 V rated value 10 A at 110 V rated value 2 A at 110 V rated value 3 A | |
| at 500 V rated value at 690 V rated value 1 A operational current at DC-12 at 24 V rated value 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 600 V rated value 0.15 A operational current at DC-13 at 24 V rated value 0.15 A operational current at DC-13 at 24 V rated value 2 A at 60 V rated value 10 A at 110 V rated value 0.15 A operational current at DC-13 at 24 V rated value 10 A at 60 V rated value 10 A at 48 V rated value 10 A at 110 V rated value 10 A at 24 V rated value 10 A at 24 V rated value 10 A at 110 V rated value 10 A at 24 V rated value 10 A at 25 V rated value 2 A at 110 V rated value 3 A <li< th=""><td></td></li<> | |
| • at 690 V rated value1 Aoperational current at DC-1210 A• at 24 V rated value10 A• at 48 V rated value6 A• at 60 V rated value6 A• at 110 V rated value3 A• at 125 V rated value2 A• at 220 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value2 A• at 24 V rated value0.15 Aoperational current at DC-1310 A• at 60 V rated value2 A• at 60 V rated value10 A• at 60 V rated value2 A• at 60 V rated value10 A• at 48 V rated value2 A• at 60 V rated value1 A• at 10 V rated value2 A• at 10 V rated value2 A• at 110 V rated value2 A• at 125 V rated value0.9 A | |
| operational current at DC-1210 A• at 24 V rated value6 A• at 48 V rated value6 A• at 60 V rated value3 A• at 110 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-1310 A• at 48 V rated value2 A• at 48 V rated value10 A• at 60 V rated value1 A• at 220 V rated value0.15 Aoperational current at DC-1310 A• at 48 V rated value2 A• at 40 V rated value1 A• at 60 V rated value2 A• at 40 V rated value1 A• at 60 V rated value2 A• at 110 V rated value2 A• at 125 V rated value1 A• at 125 V rated value1 A• at 125 V rated value0.9 A | |
| at 24 V rated value 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 60 V rated value 1 A at 60 V rated value 1 A at 110 V rated value 2 A at 110 V rated value 3 A 3 A | |
| • at 48 V rated value6 A• at 60 V rated value6 A• at 10 V rated value3 A• at 125 V rated value2 A• at 220 V rated value1 A• at 600 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value2 A• at 60 V rated value2 A• at 60 V rated value10 A• at 60 V rated value2 A• at 48 V rated value1 A• at 48 V rated value2 A• at 10 V rated value2 A• at 110 V rated value1 A• at 125 V rated value0.9 A | |
| at 60 V rated value at 110 V rated value at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value 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 60 V rated value 10 A at 48 V rated value 10 A at 10 V rated value 2 A at 110 V rated value 1 A 0.9 A | |
| at 110 V rated value at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value operational current at DC-13 at 24 V rated value at 24 V rated value at 48 V rated value 2 A at 60 V rated value 2 A at 60 V rated value 2 A at 110 V rated value 1 A at 110 V rated value 0.9 A | |
| at 125 V rated value at 220 V rated value at 220 V rated value at 600 V rated value 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 60 V rated value 10 A at 48 V rated value 10 A at 48 V rated value 10 A 3 A 3 A 4 A <l< th=""><td></td></l<> | |
| at 220 V rated value at 600 V rated value 0.15 A Operational current at DC-13 at 24 V rated value at 48 V rated value at 48 V rated value at 60 V rated value 2 A at 10 V rated value 1 A at 125 V rated value 0.9 A | |
| • at 600 V rated value0.15 Aoperational current at DC-1310 A• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 110 V rated value1 A• at 125 V rated value0.9 A | |
| operational current at DC-1310 A• at 24 V rated value10 A• at 48 V rated value2 A• at 60 V rated value2 A• at 110 V rated value1 A• at 125 V rated value0.9 A | |
| • at 24 V rated value10 A• at 24 V rated value2 A• at 48 V rated value2 A• at 60 V rated value2 A• at 110 V rated value1 A• at 125 V rated value0.9 A | |
| at 48 V rated value at 60 V rated value at 110 V rated value at 125 V rated value 0.9 A | |
| at 60 V rated value at 110 V rated value at 125 V rated value 0.9 A | |
| at 110 V rated value 1 A at 125 V rated value 0.9 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 477 A | |
| at 600 V rated value 472 A | |
| yielded mechanical performance [hp] | |
| for 3-phase AC motor | |
| - at 200/208 V rated value 150 hp | |
| - at 220/230 V rated value 200 hp | |
| | |
| — at 575/600 V rated value 500 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: 630 A (690 V, 100 kA) | |
| |) A (415 |
| for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) | |
| Installation/ mounting/ dimensions | |
| mounting position with vertical mounting surface +/-90° rotatable, with vertical mounting surface +/- 22.5° tiltable to the front and back | nting |
| fastening method screw fixing | |
| side-by-side mounting Yes | |
| height 214 mm | |
| width 160 mm | |
| depth 225 mm | |
| required spacing | |
| with side-by-side mounting | |

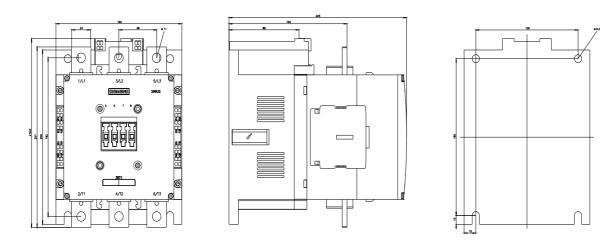
| forwards 20 mm - forwards 10 mm downwards 10 mm downwards 10 mm downwards 20 mm downwards 20 mm forwards 20 mm forwards 20 mm forwards 20 mm forwards 20 mm | | |
|---|--|--|
| - downwards 0 mm 0 | — forwards | 20 mm |
| | — upwards | 10 mm |
| • for grounded parts - forwards - forwards 10 mm at the side 10 mm at the side 10 mm downwards 20 mm forwards 20 mm downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 0 mm - for nain current circuit Spring-breaded terminals - of or auxiliary and control circuit Spring-breadet terminals - of or auxiliary and control circuit Spring-breadet terminals - of adoels for main contrads Spring-breadet terminals - of adoels for main contrads Spring-breadet terminals - of adoels for main contrads 20 500 kcmil - ornetable conductor cross-section for mainil contrads 20 500 kcmil - ornetable conductor cross-section for mainil contrads 20 500 kcmil - ornetable conductor cross-section for auxiliary contrads 20 500 kcmil - ornauxilia | — downwards | 10 mm |
| - forwards - upwards - upwards - upwards - downwards - downwards - downwards - downwards - downwards - downwards - forwards - upwards - forwards - upwards - upwards | — at the side | 0 mm |
| upwards 0 mm at the side 0 mm at the side 0 mm borwards 20 mm borwards 10 mm borwards 0 mm borwards 5 mm borwards 5 mm borwards 5 mm borwards 2 mm borwards <t< td=""><td> for grounded parts </td><td></td></t<> | for grounded parts | |
| - at the side 10 mm - downwards 10 mm - forwards 20 mm - upwards 20 mm - upwards 10 mm - upwards 10 mm - at the side 0 mm - for auxiliary contacts Spring-loaded terminals - of auxiliary contacts 25 mm - of auxiliary contacts 20 500 kcmil - of auxiliary contacts 20 500 kcmil - onnectable conductor cross-section or main 0.25 2.5 mm ² - of auxiliary contacts 0.25 2.5 mm ² - of auxiliary contacts 22 (0.25 2.5 mm ²) - a solid 2x (0.25 2.5 mm ²) - a solid or stranded 2x | — forwards | 20 mm |
| downwards 10 mm - forwards 20 mm - forwards 20 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm | — upwards | 10 mm |
| • for live parts 20 mm - upwards 10 mm - downwards 0 mm Connections/Terminals connection bar • for main current circuit spring-loaded terminals • of magnet coll Spring-type terminals • of magnet coll Spring-type terminals • if a contactable conductor cross-sections 6 mm • if a AVMC cables for main contacts 20 500 kcmil connectable conductor cross-section for auxiliary contacts conscetable conductor cross-section for auxiliary contacts • standed 0.25 25 mm² • solid or stranded 0.25 25 mm² • solid or stranded 0.25 25 mm² • for auxiliary contacts 2x (0.25 25 mm² • solid or stranded C.0 400 mm² • for auxiliary contacts 2x (0.25 25 mm² • for auxiliary contacts 2x (0.25 25 mm² < | — at the side | 10 mm |
| | — downwards | 10 mm |
| | for live parts | |
| - downwards - at the side 10 mm - at the side 10 mm - at the side 10 mm Connection Perminals spring-type terminals • for auxiliary and control circuit spring-type terminals • of maxiliary and control circuit spring-type terminals • of maxiliary and control circuit spring-type terminals • of maxiliary contacts Spring-type terminals • of maxiliary contacts Spring-type terminals • at AWG cables for main contacts 20 500 kcmil • at AWG cables for main contacts 20 500 kcmil • at AWG cables for main contacts 20 500 kcmil • at AWG cables for namin contacts 20 500 kcmil • at AWG cables for namin contacts 20 500 kcmil • at AWG cables for namin contacts 20 500 kcmil • for auxiliary contacts 0.25 2.5 mm ³ • for auxiliary contacts 22 (0.25 2.5 mm ³) • for auxiliary contacts 22 (0.25 2.5 mm ³) • for auxiliary contacts 22 (0.25 2.5 mm ³) • for auxiliary contacts 22 (0.25 2.5 mm ³) • for auxiliary contacts 22 (0.25 2.5 mm ³) • for auxiliary contacts 22 (0.25 2.5 mm ³) • for auxiliary contacts 22 (0.25 2.5 mm ³) • for auxil | — forwards | 20 mm |
| | — upwards | 10 mm |
| Connections/Terminals type of electrical connection • for main curren circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of maging tool width of connection bar thickness of connection bar thickness of connection bar diameter of holes 1 number of holes 1 thype of connectable conductor cross-section for main contacts 20 500 kcmil connectable conductor cross-section for auxiliary contacts • stranded connectable conductor cross-section for auxiliary contacts • stranded of or stranded • finely stranded without core end processing • finely stra | — downwards | 10 mm |
| type of electrical connection of main current circuit of main current circuit of main current circuit at contactor for auxiliary contacts of magnet coil Spring-loaded terminals Spring-type terminal | — at the side | 10 mm |
| • for main current circuitConnection bar• for auxiliary and control circuitspring-loaded terminals• of magnet collSpring-type terminals• of magnet collSpring-type terminals• of magnet collConnection bardiameter of holes11 mmnumber of holes1type of connectable conductor cross-sections1• at AWG cables for main contacts20 500 kcmilconnectable conductor cross-section for main contacts20 500 kcmil• stranded70 240 mm²connectable conductor cross-section for auxiliary contacts0.25 2.5 mm²• stranded0.25 2.5 mm²• finely stranded with core end processing • finely stranded with core end processing | Connections/ Terminals | |
| • for auxiliary and control circuitspring-loaded terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet collSpring-type terminalswidth of connection bar25 mmthickness of connection bar6 mmdiameter of holes11 mmnumber of holes1• at AWG cables for main contacts20 500 kcmillconnectable conductor cross-section for main contacts20 500 kcmill• stranded70 240 mm²connectable conductor cross-section for auxiliary contacts0.25 2.5 mm²• stranded0.25 2.5 mm²• for auxiliary contacts0.25 2.5 mm²• for auxiliary contacts2x (0.25 2.5 mm²)• for auxiliary contacts2x (0.25 2.5 mm²) <td>type of electrical connection</td> <td></td> | type of electrical connection | |
| • et contactor for auxiliary contacts Spring-type terminals • of magnet coil Spring-type terminals • width of connection bar 25 mm • diameter of holes 11 mm • number of holes 1 • at AVG cables for main contacts 20 500 kcmil • connectable conductor cross-section for main contacts 20 500 kcmil • otatable conductor cross-section for main contacts 20 500 kcmil • otatable conductor cross-section for auxiliary contacts 20 500 kcmil • otatable conductor cross-section for auxiliary contacts 22 25 mm² • otatable conductor cross-sections 0.25 2.5 mm² • finely stranded with core end processing 0.25 2.5 mm² • of auxiliary contacts 2x (0.25 2.5 mm² • or auxiliary contacts 2x (0.25 2.5 mm² • or auxiliary contacts 2x (0.25 2.5 mm²) • or auxiliary contacts 2 | | Connection bar |
| • et contactor for auxiliary contacts Spring-type terminals • of magnet coil Spring-type terminals • width of connection bar 25 mm • diameter of holes 11 mm • number of holes 1 • at AVG cables for main contacts 20 500 kcmil • connectable conductor cross-section for main contacts 20 500 kcmil • otatable conductor cross-section for main contacts 20 500 kcmil • otatable conductor cross-section for auxiliary contacts 20 500 kcmil • otatable conductor cross-section for auxiliary contacts 22 25 mm² • otatable conductor cross-sections 0.25 2.5 mm² • finely stranded with core end processing 0.25 2.5 mm² • of auxiliary contacts 2x (0.25 2.5 mm² • or auxiliary contacts 2x (0.25 2.5 mm² • or auxiliary contacts 2x (0.25 2.5 mm²) • or auxiliary contacts 2 | for auxiliary and control circuit | spring-loaded terminals |
| • of magnet coilSpring-type terminalswidth of connection bar25 mmdiameter of holes11 mmnumber of holes11 mmnumber of holes1etal AWG cables for main contacts20 500 kcmilconnectable conductor cross-section for main contacts20 500 kcmilconnectable conductor cross-section for main contacts70 240 mm²connectable conductor cross-section for auxiliary contacts25 25 mm²• stranded0.25 25 mm²• solid or stranded0.25 25 mm²• finely stranded with core end processing0.25 25 mm²• finely stranded without core end processing0.25 25 mm²• for auxiliary contacts2x (0.25 25 mm²• of or auxiliary contacts2x (0.25 25 mm²)• solid or stranded2x (0.25 25 mm²)• solid or stranded2x (0.25 25 mm²)• nely stranded without core end processing2x (0.25 25 mm²)• solid or stranded2x (0.25 25 mm²)• solid or stranded2x (0.25 25 mm²)• for auxiliary contacts2x (0.25 25 mm²)• at AWG cables for auxiliary contacts2x (0.25 25 mm²)• for auxiliary contacts24 14Safety related data1000 000• miror contact according to IEC 60947-4-1 • positively drive operation according to IEC 60947-5-5-1YesB10 value with high demand rate according to IEC 60947-5-5-11000 000product functioninger-safe, for vertical contact from the front with box terminal/cover• | - | |
| width of connection bar 25 mm thickness of connectable and the second | - | |
| diameter of holes 11 mm number of holes 1 type of connectable conductor cross-sections at AWG cables for main contacts e at AWG cables for main contacts 20 500 kcmil connectable conductor cross-section for main contacts 20 500 kcmil connectable conductor cross-section for auxiliary contacts 0.25 2.5 mm² e stranded 0.25 2.5 mm² of inely stranded with core end processing 0.25 2.5 mm² e finely stranded with core end processing 0.25 2.5 mm² e for auxiliary contacts 2x (0.25 2.5 mm²) - solid 2x (0.25 2.5 mm²) - solid or stranded 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 1.5 mm²) - finely stran | | |
| number of holes 1 type of connectable conductor cross-sections 2/0 500 kcmil connectable conductor cross-section for main contacts 2/0 500 kcmil connectable conductor cross-section for auxiliary contacts 70 240 mm² connectable conductor cross-section for auxiliary contacts 0.25 2.5 mm² • solid or stranded 0.25 2.5 mm² • finely stranded with core end processing 0.25 2.5 mm² • finely stranded with core end processing 0.25 2.5 mm² • solid or stranded 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing | thickness of connection bar | 6 mm |
| type of connectable conductor cross-sections 2/0 500 kcmil e at AWG cables for main contacts 2/0 500 kcmil connectable conductor cross-section for main contacts 2/0 500 kcmil e stranded 70 240 mm² connectable conductor cross-section for auxiliary contacts 0.25 2.5 mm² e solid or stranded 0.25 2.5 mm² e finely stranded without core end processing 0.25 2.5 mm² e for auxiliary contacts 2/0 (500 kcmil) - solid 2/2 (50 kcm²) - solid or stranded 0.25 2.5 mm² - solid or stranded 2/2 (0.25 2.5 mm²) - finely stranded with core end processing 2/2 (0.25 2.5 mm²) - finely stranded with core end processing 2/2 (0.25 2.5 mm²) - finely stranded with core end processing 2/2 (0.25 2.5 mm²) - finely stranded with core end processing 2/2 (0.25 2.5 mm²) - finely stranded with core end processing 2/2 (0.25 2.5 mm²) - finely stranded without core end processing 2/2 (0.25 2.5 mm²) - for auxiliary contacts 2/2 (0.25 2.5 mm²) - for auxiliary contacts 2/2 14 Safety related data 1/2 (0.25 0.5 m²) | diameter of holes | 11 mm |
| • at AWG cables for main contacts 2/0 500 kcmil connectable conductor cross-section for main contacts 70 240 mm² • stranded 70 240 mm² connectable conductor cross-section for auxiliary contacts 0.25 2.5 mm² • solid or stranded 0.25 2.5 mm² • finely stranded with core end processing 0.25 2.5 mm² • finely stranded without core end processing 0.25 2.5 mm² • for auxiliary contacts - solid - solid or stranded 2x (0.25 2.5 mm²) - solid or stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - at AWG cables for auxiliary contacts 24 14 Safety related data Produc | number of holes | 1 |
| connectable conductor cross-section for main contacts 70 240 mm² e stranded 70 240 mm² connectable conductor cross-section for auxiliary contacts 0.25 2.5 mm² e finely stranded with core end processing 0.25 1.5 mm² e finely stranded without core end processing 0.25 2.5 mm² type of connectable conductor cross-sections 0.25 2.5 mm² e for auxiliary contacts 2x (0.25 2.5 mm²) - solid or stranded 2x (0.25 2.5 mm²) - solid or stranded 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - at AWG cables for auxiliary contacts 2x (24 14) AWG number as coded connectable conductor cross section e for auxiliary contacts • for auxiliary contacts 24 14 Safety related data Yes product function Yes • mirror contact according to IEC 60947-5.1 No 510 value with high demand rate according to IEC 60947-5.5 I000 000 protection class IP on the front according to IEC 60529 | type of connectable conductor cross-sections | |
| contacts - stranded 70 240 mm ² connectable conductor cross-section for auxiliary contacts - 240 mm ² • solid or stranded 0.25 2.5 mm ² • finely stranded with core end processing 0.25 2.5 mm ² • finely stranded with core end processing 0.25 2.5 mm ² • for auxiliary contacts - solid - solid or stranded 2x (0.25 2.5 mm ²) - solid or stranded with core end processing 2x (0.25 2.5 mm ²) - solid or stranded with core end processing 2x (0.25 2.5 mm ²) - solid or stranded with core end processing 2x (0.25 2.5 mm ²) - finely stranded with core end processing 2x (0.25 2.5 mm ²) - finely stranded with core end processing 2x (0.25 2.5 mm ²) - finely stranded with core end processing 2x (0.25 2.5 mm ²) - finely stranded with core end processing 2x (0.25 2.5 mm ²) - finely stranded with core end processing 2x (0.25 2.5 mm ²) - solid or stranded 2x (0.25 2.5 mm ²) - finely stranded with core end processing 2x (0.25 2.5 mm ²) - finely stranded with core end processing 2x (0.25 2.5 mm ²) - solid or stranded 2x (0.25 2. | at AWG cables for main contacts | 2/0 500 kcmil |
| • stranded 70 240 mm² connectable conductor cross-section for auxiliary contacts 0.25 2.5 mm² • solid or stranded 0.25 2.5 mm² • finely stranded with core end processing 0.25 2.5 mm² • finely stranded without core end processing 0.25 2.5 mm² • for auxiliary contacts 2x (0.25 2.5 mm²) - solid or stranded 2x (0.25 2.5 mm²) - solid or stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (24 14) AWG cables for auxiliary contacts 24 14 Safety related data Product function • mirror contact according to IEC 60947-4.1 Yes • positively driven operation according to IEC 60947-5-1 No 5-1 1000 000 Protact function 1000 000 | connectable conductor cross-section for main | |
| connectable conductor cross-section for auxiliary contacts 0.25 2.5 mm² • solid or stranded 0.25 2.5 mm² • finely stranded with core end processing 0.25 2.5 mm² • finely stranded without core end processing 0.25 2.5 mm² • type of connectable conductor cross-sections • for auxiliary contacts - solid 2x (0.25 2.5 mm²) - solid or stranded 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (24 14) AWG number as coded connectable conductor cross section • for auxiliary contacts • for auxiliary contacts 24 14 Safety related data Indon | contacts | |
| contacts solid or stranded 0.25 2.5 mm ² solid or stranded with core end processing 0.25 2.5 mm ² solid or stranded without core end processing 0.25 2.5 mm ² type of connectable conductor cross-sections solid solid or stranded 2x (0.25 2.5 mm ²) solid or stranded 2x (0.25 2.5 mm ²) solid or stranded with core end processing 2x (0.25 2.5 mm ²) solid or stranded with core end processing 2x (0.25 2.5 mm ²) solid or stranded without core end processing 2x (0.25 2.5 mm ²) finely stranded without core end processing 2x (0.25 2.5 mm ²) finely stranded without core end processing 2x (0.25 2.5 mm ²) finely stranded without core end processing 2x (0.25 2.5 mm ²) finely stranded without core end processing 2x (0.25 2.5 mm ²) finely stranded without core end processing 2x (0.25 2.5 mm ²) finely stranded without core end processing 2x (0.25 2.5 mm ²) finely stranded without core end processing 2x (2.4 14) AWG number as coded connectable conductor cross section 6 for auxiliary contacts for auxiliary contacts 24 14 | stranded | 70 240 mm ² |
| • finely stranded with core end processing 0.25 1.5 mm² • finely stranded without core end processing 0.25 2.5 mm² type of connectable conductor cross-sections • for auxiliary contacts - solid 2x (0.25 2.5 mm²) - solid or stranded 2x (0.25 2.5 mm²) - solid or stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (24 14) AWG number as coded connectable conductor cross section 24 14 Safety related data product function • finitor contact according to IEC 60947-4.1 Yes • mirror contact according to IEC 60947-5-1 No B10 value with high demand rate according to IEC 60947-5-1 No B10 value with high demand rate according to IEC 60529 Inou ono suitability for use e safety-related switching OFF • safety-related switching OFF Yes Certificate | | |
| • finely stranded without core end processing 0.25 2.5 mm² type of connectable conductor cross-sections • for auxiliary contacts - solid 2x (0.25 2.5 mm²) - solid or stranded 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded with core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - for auxiliary contacts 24 14 Safety related data Yes | solid or stranded | 0.25 2.5 mm ² |
| type of connectable conductor cross-sections • for auxiliary contacts - solid 2x (0.25 2.5 mm²) - solid or stranded 2x (0.25 2,5 mm²) - finely stranded with core end processing 2x (0.25 2,5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (0.25 2.5 mm²) - finely stranded without core end processing 2x (24 14) AWG number as coded connectable conductor cross section 0 at williary contacts • for auxiliary contacts 24 14 Safety related data Product function • mirror contact according to IEC 60947-4.1 Yes • positively driven operation according to SN 31920 1 000 000 Protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover • safety-related s | finely stranded with core end processing | |
| for auxiliary contacts solid solid or stranded solid or stranded solid or stranded solid or stranded with core end processing finely stranded without core end processing finely stranded without core end processing finely stranded without core end processing 2x (0.25 2.5 mm²) 2x (24 14) AWG number as coded connectable conductor cross section for auxiliary contacts 24 14 Safety related data product function mirror contact according to IEC 60947-4-1 yes positively driven operation according to SN 31920 1 000 000 protection class IP on the front according to IEC 60529 suitability for use safety-related switching OFF Yes Yes Certificates/ approvals | | 0.25 2.5 mm² |
| solid2x (0.25 2.5 mm²) solid or stranded2x (0.25 2,5 mm²) finely stranded with core end processing2x (0.25 1.5 mm²) finely stranded without core end processing2x (0.25 2.5 mm²) finely stranded without core end processing2x (0.25 2.5 mm²) at AWG cables for auxiliary contacts2x (24 14)AWG number as coded connectable conductor cross24 14)Safety related data24 14product functionYes• mirror contact according to IEC 60947-4-1Yes• positively driven operation according to IEC 60947- 5-1NoB10 value with high demand rate according to SN 319201 000 000protection class IP on the front according to IEC 60529IIPO0; IP20 with box terminal/coversoltability for use • safety-related switching OFFYesCertificates/ approvalsYes | type of connectable conductor cross-sections | |
| solid or stranded2x (0,25 2,5 mm²) finely stranded with core end processing2x (0.25 1.5 mm²) finely stranded without core end processing2x (0.25 2.5 mm²) at AWG cables for auxiliary contacts2x (24 14)AWG number as coded connectable conductor cross section24 14)AWG number as coded connectable conductor cross section24 14)Safety related data24 14Product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947- 5-1Yes NoB10 value with high demand rate according to IEC 60947- 5-11 000 000Protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 605291 000 000touch protection on the front according to IEC 60529 • safety-related switching OFFFinger-safe, for vertical contact from the front with box terminal/coversuitability for use | for auxiliary contacts | |
| finely stranded with core end processing finely stranded without core end processing 2 x (0.25 2.5 mm²) 2 x (2.25 2.5 mm²) 2 x (24 14)AWG number as coded connectable conductor cross section • for auxiliary contacts24 14)AWG number as coded connectable conductor cross section • for auxiliary contacts24 14)Safety related data24 14product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947- 5-1Yes NoB10 value with high demand rate according to SN 31920 • safety-related switching OFF1 000 000protection on the front according to IEC 60529 • safety-related switching OFFYescouch protectsYescouch protectsYesCertificates/ approvalsYes | — solid | |
| finely stranded without core end processing 2x (0.25 2.5 mm²) • at AWG cables for auxiliary contacts 2x (24 14) AWG number as coded connectable conductor cross section • for auxiliary contacts • for auxiliary contacts 24 14 Safety related data • product function • mirror contact according to IEC 60947-4-1 Yes • positively driven operation according to IEC 60947- 5-1 No B10 value with high demand rate according to SN 31920 1 000 000 protection class IP on the front according to IEC 60529 finger-safe, for vertical contact from the front with box terminal/cover suitability for use • safety-related switching OFF Yes • safety-related switching OFF Yes | — solid or stranded | |
| • at AWG cables for auxiliary contacts 2x (24 14) AWG number as coded connectable conductor cross section • for auxiliary contacts • for auxiliary contacts 24 14 Safety related data 24 14 product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947- 5-1 Yes B10 value with high demand rate according to SN 31920 1 000 000 protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover suitability for use • safety-related switching OFF • safety-related switching OFF Yes | | |
| AWG number as coded connectable conductor cross section 24 14 o for auxiliary contacts 24 14 Safety related data 7000000000000000000000000000000000000 | | |
| section • for auxiliary contacts 24 14 Safety related data | | 2x (24 14) |
| • for auxiliary contacts 24 14 Safety related data | | |
| Safety related data product function • mirror contact according to IEC 60947-4-1 • positively driven operation according to IEC 60947- 5-1 B10 value with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 suitability for use • safety-related switching OFF Yes Certificates/ approvals | | 24 14 |
| product function • mirror contact according to IEC 60947-4-1 Yes • positively driven operation according to IEC 60947- 5-1 No B10 value with high demand rate according to SN 31920 1 000 000 protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with box terminal/cover suitability for use • safety-related switching OFF • safety-related switching OFF Yes | - | |
| • mirror contact according to IEC 60947-4-1 Yes • positively driven operation according to IEC 60947- 5-1 No B10 value with high demand rate according to SN 31920 1 000 000 protection class IP on the front according to IEC 60529 IP00; IP20 with box terminal/cover touch protection on the front according to IEC 60529 finger-safe, for vertical contact from the front with box terminal/cover suitability for use • safety-related switching OFF Yes Certificates/ approvals Yes | | |
| | • | Vac |
| 5-1 B10 value with high demand rate according to SN 31920 protection class IP on the front according to IEC 60529 touch protection on the front according to IEC 60529 suitability for use • safety-related switching OFF Yes | | |
| B10 value with high demand rate according to SN 31920 1 000 000 protection class IP on the front according to IEC IP00; IP20 with box terminal/cover 60529 finger-safe, for vertical contact from the front with box terminal/cover suitability for use • safety-related switching OFF Yes Yes | | |
| protection class IP on the front according to IEC IP00; IP20 with box terminal/cover 60529 finger-safe, for vertical contact from the front with box terminal/cover suitability for use • safety-related switching OFF Yes Certificates/ approvals | | 1 000 000 |
| suitability for use • safety-related switching OFF Yes Certificates/ approvals • Safety-related switching OFF • Safety-related switching OFF | protection class IP on the front according to IEC | IP00; IP20 with box terminal/cover |
| safety-related switching OFF Yes Certificates/ approvals | touch protection on the front according to IEC 60529 | finger-safe, for vertical contact from the front with box terminal/cover |
| Certificates/ approvals | suitability for use | |
| | safety-related switching OFF | Yes |
| | Certificates/ approvals | |
| | General Product Approval | FMC |

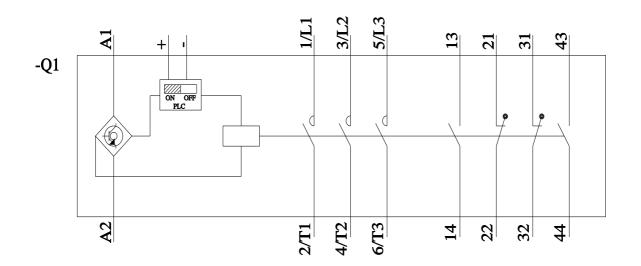
| S. | CCC | <u>Confirmation</u> | | EHC | RCM |
|---|---|----------------------|--|-------------------------------|---------------------|
| Functional Safety/Safety of Machinery | Declaration of Confo | rmity | Test Certificates | | Marine / Shipping |
| <u>Type Examination</u> <u>Certificate</u> | UK CA | CE EG-Konf. | <u>Type Test Certific-</u> ates/Test Report | Special Test Certific- ate | ABS |
| Marine / Shipping | | | other | | |
| Lloyds Register us | PRS | KMRS | <u>Miscellaneous</u> | <u>Confirmation</u> | <u>Confirmation</u> |
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| https://www.siemens. Industry Mall (Onlin https://mall.industry.s Cax online generato http://support.automa | e ordering system) iemens.com/mall/en/en/C or tion.siemens.com/WW/C. | atalog/product?mlfb: | ?lang=en&mlfb=3RT10 | <u>76-2NB36</u> | |
| https://support.indust | lanuals, Certificates, Ch ry.siemens.com/cs/ww/er | n/ps/3RT1076-2NB36 | | diagrama EDI AN mag | |

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1076-2NB36&lang=en

Characteristic: Tripping characteristics, I²t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RT1076-2NB36/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT1076-2NB36&objecttype=14&gridview=view1





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