SIEMENS

Data sheet

3RT2028-2NB30



power contactor, AC-3e/AC-3, 38 A, 18.5 kW / 400 V, 3-pole, 21-28 V AC/DC, 50/60 Hz, with integrated varistor, auxiliary contacts: 1 NO + 1 NC, spring-loaded terminal, size: S0

| product brand name | SIRIUS |
|---|----------------------------|
| product designation | Power contactor |
| product type designation | 3RT2 |
| General technical data | |
| size of contactor | SO |
| 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 | 9.6 W |
| at AC in hot operating state per pole | 3.2 W |
| without load current share typical | 2 W |
| insulation voltage | |
| of main circuit with degree of pollution 3 rated value | 690 V |
| of auxiliary circuit with degree of pollution 3 rated value | 690 V |
| surge voltage resistance | |
| of main circuit rated value | 6 kV |
| of auxiliary circuit rated value | 6 kV |
| maximum permissible voltage for protective separation between coil and main contacts according to EN 60947-1 | 400 V |
| shock resistance at rectangular impulse | |
| • at AC | 8,3g / 5 ms, 5,3g / 10 ms |
| • at DC | 10g / 5 ms, 7,5g / 10 ms |
| shock resistance with sine pulse | |
| • at AC | 13,5g / 5 ms, 8,3g / 10 ms |
| • at DC | 15g / 5 ms, 10g / 10 ms |
| mechanical service life (operating cycles) | |
| of contactor typical | 10 000 000 |
| of the contactor with added electronically optimized auxiliary switch block typical | 5 000 000 |
| of the contactor with added auxiliary switch block typical | 10 000 000 |
| reference code according to IEC 81346-2 | Q |
| Substance Prohibitance (Date) | 10/01/2009 |
| 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 % |

| 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 |
| • at AC-3e rated value maximum | 690 V |
| operational current | |
| at AC-1 at 400 V at ambient temperature 40 °C rated value | 50 A |
| • at AC-1 | |
| — up to 690 V at ambient temperature 40 °C rated value | 50 A |
| — up to 690 V at ambient temperature 60 °C rated value | 42 A |
| • at AC-3 | |
| — at 400 V rated value | 38 A |
| — at 500 V rated value | 32 A |
| — at 690 V rated value | 21 A |
| • at AC-3e | |
| — at 400 V rated value | 38 A |
| - at 500 V rated value | 32 A |
| - at 690 V rated value | 21 A |
| at AC-4 at 400 V rated value | 22 A 44 A |
| at AC-5a up to 690 V rated value at AC-5b up to 400 V rated value | 44 A 31.5 A |
| at AC-5b up to 400 v fated value at AC-6a | 51.5 A |
| up to 230 V for current peak value n=20 rated value | 30.8 A |
| — up to 200 V for current peak value n=20 rated value | 30.8 A |
| — up to 500 V for current peak value n=20 rated value | 30.8 A |
| — up to 690 V for current peak value n=20 rated value | 21 A |
| • at AC-6a | 217 |
| — up to 230 V for current peak value n=30 rated value | 20.5 A |
| — up to 400 V for current peak value n=30 rated value | 20.5 A |
| — up to 500 V for current peak value n=30 rated value | 21.4 A |
| — up to 690 V for current peak value n=30 rated value | 21 A |
| minimum cross-section in main circuit at maximum AC-1 rated value | 10 mm² |
| operational current for approx. 200000 operating cycles at AC-4 | |
| • at 400 V rated value | 12 A |
| • at 690 V rated value | 12 A |
| operational current | |
| • at 1 current path at DC-1 | |
| — at 24 V rated value | 35 A |
| — at 60 V rated value | 20 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 | 35 A |
| — at 60 V rated value | 35 A |
| — at 110 V rated value | 35 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 | 35 A |
| — at 60 V rated value | 35 A |
| — at 110 V rated value | 35 A |
| — at 220 V rated value | 35 A |
| — at 440 V rated value | 2.9 A |

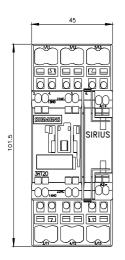
| — at 600 V rated value | 1.4 A |
|---|---|
| • at 1 current path at DC-3 at DC-5 | |
| — at 24 V rated value | 20 A |
| — at 60 V rated value | 5 A |
| — at 110 V rated value | 2.5 A |
| — at 220 V rated value | 1 A |
| — at 440 V rated value | 0.09 A |
| — at 600 V rated value | 0.06 A |
| • with 2 current paths in series at DC-3 at DC-5 | |
| — at 24 V rated value | 35 A |
| — at 60 V rated value | 35 A |
| — at 110 V rated value | 15 A |
| — at 220 V rated value | 3 A |
| — at 440 V rated value | 0.27 A |
| — at 600 V rated value | 0.16 A |
| • with 3 current paths in series at DC-3 at DC-5 | |
| — at 24 V rated value | 35 A |
| — at 60 V rated value | 35 A |
| — at 110 V rated value | 35 A |
| — at 220 V rated value | 10 A |
| — at 440 V rated value | 0.6 A |
| — at 600 V rated value | 0.6 A |
| operating power | |
| • at AC-2 at 400 V rated value | 18.5 kW |
| • at AC-3 | |
| — at 230 V rated value | 11 kW |
| — at 400 V rated value | 18.5 kW |
| — at 500 V rated value | 18.5 kW |
| — at 690 V rated value | 18.5 kW |
| • at AC-3e | |
| — at 230 V rated value | 11 kW |
| — at 400 V rated value | 18.5 kW |
| — at 500 V rated value | 18.5 kW |
| — at 690 V rated value | 18.5 kW |
| operating power for approx. 200000 operating cycles at AC- 4 | |
| • at 400 V rated value | 6 kW |
| • at 690 V rated value | 10.3 kW |
| operating apparent power at AC-6a | |
| • up to 230 V for current peak value n=20 rated value | 12.2 kVA |
| up to 400 V for current peak value n=20 rated value | 21.3 kVA |
| • up to 500 V for current peak value n=20 rated value | 26.6 kVA |
| up to 690 V for current peak value n=20 rated value | 25 kVA |
| operating apparent power at AC-6a | |
| up to 230 V for current peak value n=30 rated value | 8.1 kVA |
| up to 400 V for current peak value n=30 rated value | 14.2 kVA |
| up to 500 V for current peak value n=30 rated value | 18.5 kVA |
| up to 690 V for current peak value n=30 rated value | 25 kVA |
| short-time withstand current in cold operating state up to 40 °C | |
| limited to 1 s switching at zero current maximum | 593 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 5 s switching at zero current maximum | 341 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 10 s switching at zero current maximum | 260 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 30 s switching at zero current maximum | 199 A; Use minimum cross-section acc. to AC-1 rated value |
| limited to 60 s switching at zero current maximum | 162 A; Use minimum cross-section acc. to AC-1 rated value |
| no-load switching frequency | |
| • at AC | 1 500 1/h |
| • at DC | 1 500 1/h |
| operating frequency | |
| • at AC-1 maximum | 1 000 1/h |
| • at AC-2 maximum | 750 1/h |
| | |

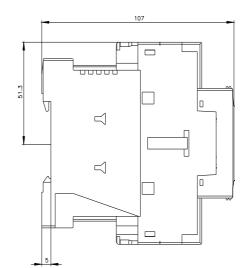
| ● at AC-3 maximum | 750 1/h |
|---|----------------------|
| • at AC-3 maximum • at AC-3e maximum | 750 1/h |
| • at AC-3e maximum • at AC-4 maximum | 250 1/h |
| Control circuit/ Control | |
| type of voltage of the control supply voltage | AC/DC |
| control supply voltage at AC | |
| at 50 Hz rated value | 21 28 V |
| at 60 Hz rated value | 2128 V |
| control supply voltage at DC | |
| rated value | 21 28 V |
| operating range factor control supply voltage rated value of | |
| magnet coil at DC | |
| initial value | 0.7 |
| full-scale value | 1.3 |
| operating range factor control supply voltage rated value of magnet coil at AC | |
| • at 50 Hz | 0.7 1.3 |
| • at 60 Hz | 0.7 1.3 |
| design of the surge suppressor | with varistor |
| inrush current peak | 3 A |
| duration of inrush current peak | 30 µs |
| locked-rotor current mean value | 0.3 A |
| locked-rotor current peak | 0.52 A |
| duration of locked-rotor current | 180 ms |
| holding current mean value | 45 mA |
| apparent pick-up power of magnet coil at AC | |
| • at 50 Hz | 6.6 VA |
| • at 60 Hz | 6.7 VA |
| inductive power factor with closing power of the coil | |
| ● at 50 Hz | 0.98 |
| • at 60 Hz | 0.98 |
| apparent holding power of magnet coil at AC | |
| • at 50 Hz | 1.9 VA |
| • at 60 Hz | 2 VA |
| inductive power factor with the holding power of the coil | |
| • at 50 Hz | 0.86 |
| • at 60 Hz | 0.82 |
| closing power of magnet coil at DC | 5.9 W |
| holding power of magnet coil at DC | 1.4 W |
| closing delay | 50 80 ms |
| ● at AC ● at DC | 50 80 ms 50 80 ms |
| opening delay | |
| • at AC | 30 50 ms |
| • at DC | 30 50 ms |
| arcing time | 10 10 ms |
| control version of the switch operating mechanism | Standard A1 - A2 |
| Auxiliary circuit | |
| number of NC contacts for auxiliary contacts instantaneous | 1 |
| contact number of NO contacts for auxiliary contacts instantaneous | 1 |
| contact | 10.4 |
| operational current at AC-12 maximum | 10 A |
| operational current at AC-15 • at 230 V rated value | 10.0 |
| at 230 V rated value at 400 V rated value | 10 A 3 A |
| at 400 V rated value at 500 V rated value | 2 A |
| at 500 V rated value at 690 V rated value | 1A |
| 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 |
| | |

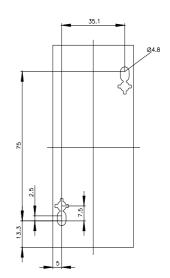
| • at 115 V raid value 3 Å • at 220 V raid value 1 Å • at 200 V raid value 1 Å • at 200 V raid value 0.15 Å • at 240 V raid value 0 Å • at 250 V raid value 1 Å • at 250 V raid value 1 Å • at 250 V raid value 1 Å • at 250 V raid value 2 Å • at 250 V raid value 1 Å • at 250 V raid value 2 Å • at 250 V raid value 2 Å • at 250 V raid value 2 Å • at 250 V raid | | |
|--|---|---|
| - at 220 V rated value 1 A - at 22 V rated value 0.15 A - operational current at DC-13 10 A - at 24 V rated value 2 A - at 60 V rated value 2 A - at 10 V rated value 2 A - at 10 V rated value 0.5 A - at 10 V rated value 0.4 A - at 10 V rated value 0.4 A - at 10 V rated value 0.4 A - contract rateling/of duality contracts 1 fully swetching peer 100 million (17 V, 1 mA) VLCSA value 3 A - at 200 V rated value 3 A - at 400 V rated value 3 A - at 400 V rated value 3 A - at 20208 V rated value 3 bp - at 20208 V rated value 3 bp - at 20208 V rated value 2 bp - at 20208 V rated valu | at 110 V rated value | 3 A |
| et 800 V rated value of 24 V rated value at 80 V rated value at 80 V rated value 2A at 80 V rated value 03 A at 80 V rated value 03 A at 80 V rated value 03 A at 80 V rated value 04 T 82 V rated value 03 A at 80 V rated value 04 T 82 V rated value 04 T 82 V rated value 05 an 40 at 80 V rated value 27 A yield machanical partherman (Ppl) at 80 V rated value 3 hp at 80 V rated value 5 hp for 3 sphase AC motor at 80 V rated value 25 hp at 80 V rated value 25 hp at 80 V rated value 25 hp at 80 V rated value 26 hp at 80 V rated value | at 125 V rated value | 2 A |
| operational current at DC-13 0 • at 34 V riset value 10 Å • at 61 V riset value 2 Å • at 61 V riset value 2 Å • at 61 V riset value 0 Å • at 10 V riset value 0 Å • at 100 V riset value 0 Å • at 200 V riset value 0 Å • at 400 V riset value 0 Å • at 400 V riset value 3 Å • at 200 V riset value 2 Å • at 200 205 V riset value 2 Å • at 400 V riset value 1 Å • at 200 205 V riset value 2 Å • at 400 V rise | • at 220 V rated value | 1 A |
| al 24 Yindo Yubo al 25 Yindo Yubo al 26 Yindo Yubo al 20 Yindo Yubo | • at 600 V rated value | 0.15 A |
| at 44 Y rinds value 2 A at 64 W rinds value 2 A at 110 V rates value 0 A at 125 V rates value 0 A at 200 V rates value 3 hp | operational current at DC-13 | |
| at 44 Y rinds value 2 A at 64 W rinds value 2 A at 110 V rates value 0 A at 125 V rates value 0 A at 200 V rates value 3 hp | at 24 V rated value | 10 A |
| e. ef 0 V rated value 2 A e. ef 0 V rated value 0 S A e. at 220 V rated value 0 S A e. at 220 V rated value 0 S A e. at 220 V rated value 0 S A contact value/line 1 Surry swetching per 100 million (17 V, 1 mA) VUESA rating value 2 A full-dad current (PLA) for 3-phase AC motor 4 S A e. at 800 V rated value 2 A vield do mechanical performanc (Pp) 5 hp e. for Single-phase AC motor - | | |
| • at 110 V rabel value 0.9 A • at 225 V rabel value 0.9 A • at 200 V rabel value 0.1 A • at 200 V rabel value 0.1 A • at 200 V rabel value 0.1 A • at 400 V rabel value 0.1 A • at 200 V rabel value 0.1 A • at 200 V rabel value 0.1 A • at 200 V rabel value 5 hp • for 3 hpise AC motor 0.1 P | | |
| • at 125 V rated value 0.3 Å • at 200 V rated value 0.1 Å context reliability of auxiliary contacts 1 fauly switching per 100 million (17 V, 1 mÅ) UtC65A rated 1 fauly switching per 100 million (17 V, 1 mÅ) UtC65A rated 3 Å • at 600 V rated value 27 Å yielded mechanical performance [tp] • • for single-phase AC motor - - at 100 120 V rated value 3 hp - at 100 120 V rated value 5 hp • for single-phase AC motor - - at 202028 V rated value 10 hp - at 202028 V rated value 10 hp - at 202028 V rated value 26 hp - at 5756800 V rated value 26 hp • for short circuit protection of the main circuit - • for short circuit protection of the main circuit gC: 122Å (600V, 100kÅ), abt 25A (600V, 100kÅ), BS8: 122Å (415V, 60kÅ) • for short circuit protection of the auxiliary switch required gC: 124Å (600V, 100kÅ), abt 25A (600V, 100kÅ), BS8: 122Å (415V, 60kÅ) • for short circuit protection of the auxiliary switch required gC: 124Å (600V, 100kÅ), abt 25A (600V, 100kÅ), BS8: 128Å (415V, 60kÅ) • for short circuit protection of the auxiliary switch required gC: 124Å (600V, 100kÅ), abt 25A (600V, 100kÅ), BS8: 128Å (415V, 60kÅ) • with Sub bys dide mounting •// 400° rotation possible on vertical mounting | | |
| • at 200 V ratid value 0.3 Å • at 200 V ratid value 0.1 Å contact value (ICLA) for 3-phase & C motor 1 lauly switching per 100 million (17 V. 1 mÅ) Hull-Sca Current (ICLA) for 3-phase & C motor 34 Å • at 800 V ratid value 35 p at 230 V ratid value 5 hp • for 3 hpise AC motor - at 230 V ratid value 5 hp • for 3 hpise AC motor - at 230 V ratid value 10 hp at 230 V ratid value 25 hp | | |
| • et 600 V rabed value 0.1 Å contact reliability of auxiliary contacts 1 fauly switching per 100 million (17.V, 1 mA) ULCSA reliability of auxiliary contacts 27 Å i at 600 V rated value 27 Å i of 00 rated value 27 Å i of 00 v rated value 3 hp - at 100 10 V rated value 3 hp - at 100 V rated value 5 hp of 07 3 phase AC motor 10 hp - at 200200 V rated value 26 hp - of 03 ophase AC motor 10 hp - at 200200 V rated value 26 hp - of 03 ophase AC motor 10 hp - at 3600A rated value 26 hp contact rating of auxiliary contacts according to UL A000 / P600 - distrocticul protection of the main circuil GS 125A (690V 100kA), aM: 50A (690V, 100kA), BS8E 125A (415V, 80KA) - with type of ophication required gG: 126A (690V, 100kA), aM: 50A (690V, 100kA), BS8E 125A (415V, 80KA) - with type of ophication required gG: 126A (690V, 100kA), aM: 50A (690V, 100kA), BS8E 125A (415V, 80KA) - with type of ophication required gG: 126A (690V, 100kA), aM: 50A (690V, 100kA), BS8E 125A (415V, 80KA) - for shont-facing method | | |
| contact reliability of auxiliary contacts 1 faulty switching per 100 million (17 V, 1 mA) UUG3A ratings Ifull-load current (FLA) for 3-phase AC motor 34 A • at 480 V rated value 34 A • at 480 V rated value 34 A • at 101/23 V rated value 34 A • at 101/23 V rated value 3 hp - at 1101/23 V rated value 5 hp • for 3-phase AC motor - - at 200 Z204 V rated value 10 hp - at 2002204 V rated value 25 hp - at 32002204 V rated value 25 hp - at 450404 V rated value 26 hp - at 450404 V rated value 26 hp - at 75/5800 V rated value 25 hp contact rating of auxiliary contacts according to UL A800 / P800 Short-Group protection - - with type of oassignment 2 required g3: 125A (680V, 100kA), abl: 55A (690V, 100kA), BS8: 50A (415V, 80kA) - with type of oassignment 2 required - - with type of oassignment 2 required - - with type of assignment 2 required - - with type of assignment 2 required - - with ta | | |
| ULUSA: ratings 44.80 V rated value 34.A • at 430 V rated value 27.A Violation contract and proformance (hp) - of the single-phase AC motor - of the single-phase AC motor - at 100 V rated value 3 hp - of the single-phase AC motor - at 200 V rated value 5 hp - of the single-phase AC motor - at 200 V rated value 5 hp - of the single-phase AC motor - at 200208 V rated value 10 hp - of the single-phase AC motor - at 200208 V rated value 10 hp - of the single-phase AC motor - at 200208 V rated value 25 hp - of the single-phase AC motor - at 200208 V rated value 25 hp - of the single-phase AC motor - at 457560 V rated value 25 hp - of the single-phase AC motor - at 50050 V rated value 26 hp - of the single-phase AC motor - of the single-phase AC motor 26 hp - of the single-phase AC motor - of the single-phase AC motor 26 hp - of the single-phase AC motor - of the single-phase AC motor 26 hp - of the single-phase AC motor - of the sison 0 hp - of the | | |
| full-load current (FLA) for 3-phase AC motor 34 A • at 480 V rated value 34 A • at 480 V rated value 27 A yleided mechanical performance [hp] • • for single-phase AC motor - - at 230 V rated value 3 hp - at 200220 V rated value 5 hp • for 3-phase AC motor - - at 200220 V rated value 10 hp - at 200220 V rated value 25 hp - at 200220 V rated value 26 hp - at 460480 V rated value 25 hp - at 460480 V rated value 25 hp - at 574600 V rated value 26 hp - at 574600 V rated value 26 hp - at 574600 V rated value 26 hp - with hype of coordination 1 required 9G: 125A (890V,100kA), aM: 55A (890V,100kA), BS88: 125A (415V,80kA) - with hype of coordination 1 required 9G: 10 A (500 V, 10kA), aM: 55A (890V, 100kA), BS88: 125A (415V,80kA) - with hype of coordination 1 required 9G: 10 A (500 V, 10kA), aM: 55A (890V, 100kA), BS88: 125A (415V,80kA) - with hype of coordination 1 required 9G: 10 A (500 V, 10kA), aM: 55A (890V, 100kA), BS88: 125A (415V, 80kA) fastening method screw and snap-or mounting outside • for short-circuit protection of the auxiliary with required 10 run with add-by-side mounting 10 run <td></td> <td>1 faulty switching per 100 million (17 V, 1 mA)</td> | | 1 faulty switching per 100 million (17 V, 1 mA) |
| • at 480 V rated value 34 Å • at 680 V rated value 27 Å • picked mechanical performance (hp) | UL/CSA ratings | |
| + at 600 V rated value 27 Å yielded mechanical performance [bp] - - at 110/120 V rated value 3 hp at 200/2024 V rated value 5 hp at 200/2024 V rated value 10 hp at 200/2024 V rated value 10 hp at 200/2024 V rated value 25 hp at 200/2024 V rated value 25 hp at 450/480 V rated value 25 hp at 450/480 V rated value 25 hp at 450/480 V rated value 25 hp at 675600 V rated value 26 hp at 700/200 V rated value 26 hp oth thy per d assignment 2 required g6: 10 A (600 V, 100A), ab/: 56 (690 V, 100A), BS8: 125A (415V, 80A) oth hy per d assignment 2 required g6: 10 A (600 V, 1AA) | full-load current (FLA) for 3-phase AC motor | |
| yielded mechanical performance (typ) • for single-phase AC motor | at 480 V rated value | 34 A |
| • for single-phase AC motor — at 110/120 V rated value — at 220 V rated value S hp • for 3-phase AC motor — at 220/230 V rated value S hp • for 3-phase AC motor — at 220/230 V rated value S 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 assignment 2 required gG: 125A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 125A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, 100KA), BS8: 50A (415V, 80KA) gG: 50A (690V, 100KA), aM: 50A (690V, | • at 600 V rated value | 27 A |
| - at 110/120 V rated value 3 hp - at 230 V rated value 5 hp - at 220/2080 V rated value 10 hp - at 220/2080 V rated value 10 hp - at 220/2080 V rated value 25 hp - at 420/480 V rated value 25 hp - at 420/480 V rated value 25 hp - at 575/500 V rated value 25 hp Contact rating of auxiliary contacts according to UL A600 / P600 Short-circuit protection 460/480 V rated value - with type of coordination 1 required g5: 125A (680V, 100KA), aM: 50A (680V, 100KA), B588: 125A (415V, 80KA) - with type of coordination 1 required g5: 10 A (680V, 100KA), aM: 50A (680V, 100KA), B588: 125A (415V, 80KA) - with type of coordination 1 required g5: 10 A (680V, 100KA), aM: 50A (680V, 100KA), B588: 125A (415V, 80KA) - with type of coordination 1 required g5: 10 A (680V, 100KA), aM: 50A (680V, 100KA), B588: 125A (415V, 80KA) - with type of coordination 1 required g5: 10 A (680V, 100KA), aM: 50A (680V, 100KA), B588: 125A (415V, 80KA) - with type of coordination 1 required g5: 10 A (680V, 100KA), aM: 50A (680V, 100KA), B588: 125A (415V, 80KA) - with type of coordination 1 g5: 10 A (680V, 100KA), aM: 50A (680V, 100KA), B588: 125A (415V, 80KA) - forwards 10 mm - state-scale mounting +1510° rotation possible on vertical mounting surface; can be tilted forward and backward by +22.5° on v | yielded mechanical performance [hp] | |
| | for single-phase AC motor | |
| | | 3 hp |
| • for 3-phase AC motor | | |
| | | |
| | - | 10 bp |
| at 460/480 V rated value 25 hp at 575/600 V rated value 25 hp contact straing of auxiliary contacts according to UL A600 / P600 Short-circuit protection | | |
| | | |
| contact rating of auxiliary contacts according to UL A800 / P600 Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit | | |
| Short-circuit protection design of the fuse link • for short-circuit protection of the main circuit - with type of coordination 1 required - with type of coordination 1 required - with type of assignment 2 required 96: 50A (690V, 100kA), aM: 50A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) 96: 50A (690V, 100kA), BM: 25A (690V, 100kA), BM: 2 | | |
| design of the fuse link for short-circuit protection of the main circuit with type of coordination 1 required gG: 125A (690V,100kA), aM: 50A (690V,100kA), BS88: 125A (415V,80kA) gG: 50A (690V,100kA), aM: 25A (690V,100kA), BS88: 50A (415V, 80kA) gG: 50A (690V,100kA), aM: 25A (690V,100kA), BS88: 50A (415V, 80kA) gG: 10 A (500 V, 1 kA) installation/mounting/dimensions +/-180" rotation possible on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting surface; can be tilted forward and backward by +/- 22.5" on vertical mounting e forwards for man | | A600 / P600 |
| for short-circuit protection of the main circuit — with type of coordination 1 required — with type of assignment 2 required — with type of assignment 2 required G: 125A (690V,100kA), aM: 50A (690V, 100kA), BS88: 125A (415V, 80kA) gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 10 A (500 V, 1 kA) Installation/ mounting/ dimensions Forstricricuit protection of the auxiliary switch required for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 10kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) gG: 50A (690V, 10kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) forstal mounting surface; can be tilted forward and backaver by <i>t</i> - 25 or vertical mounting surface; can be tilted forward and backaver by <i>t</i> - 25 or vertical mounting surface; can be tilted forward and backaver by <i>t</i> - 25 or vertical mounting surface; and the side forwards 10 mm - forwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards | Short-circuit protection | |
| with type of assignment 2 required gG: 125A (690V, 100kA), aM: 50A (690V, 100kA), BS8B: 125A (415V, 80kA) with type of assignment 2 required gG: 50A (690V, 100kA), aM: 25A (690V, 100kA), BS8B: 125A (415V, 80kA) gG: 10 A (500 V, 1 kA) gG: 10 A (500 V, 1 kA) 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 ont 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting Yes height 102 nm width 45 mm dopth 107 mm required spacing 0 mm - upwards 10 mm - at the side 0 mm - forwards 10 mm - downwards 6 m | design of the fuse link | |
| | for short-circuit protection of the main circuit | |
| • for short-circuit protection of the auxiliary switch required gG: 10 A (500 V, 1 kA) Installation/ mounting variance +/180° rotation possible on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward and backward by +/22.5° on vertical mounting surface; can be tilted forward by +/22.5° on vertical mounting surface; can be tilted forward by and the side • oftwards 10 mm - oftwards 10 mm • oftward | — with type of coordination 1 required | gG: 125A (690V,100kA), aM: 50A (690V,100kA), BS88: 125A (415V,80kA) |
| Installation/ mounting/ dimensions +/-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 on 035 mm DIN rail according to DIN EN 60715 • side-by-side mounting Yes height 102 mm width 45 mm depth 107 mm required spacing 010 mm - downwards 10 mm - at the side 0 mm - at the side 0 mm - downwards 10 mm - at the side 0 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm <td> — with type of assignment 2 required </td> <td>gG: 50A (690V,100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA)</td> | — with type of assignment 2 required | gG: 50A (690V,100kA), aM: 25A (690V, 100kA), BS88: 50A (415V, 80kA) |
| mounting position +/-180° rotation possible on vertical mounting surface; can be tilled forward and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting Yes height 102 mm width 45 mm depth 107 mm required spacing - • with side-by-side mounting - - forwards 10 mm - upwards 10 mm - downwards 0 mm - at the side 0 mm - forwards 10 mm - at the side 0 mm - forwards 10 mm - at the side 0 mm - forwards 10 mm - at the side 6 mm - forwards 10 mm - upwards 10 mm - upwards 10 mm - forwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm | for short-circuit protection of the auxiliary switch required | gG: 10 A (500 V, 1 kA) |
| mounting position +/-180° rotation possible on vertical mounting surface; can be tilled forward and backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting Yes height 102 mm width 45 mm depth 107 mm required spacing - • with side-by-side mounting - - forwards 10 mm - upwards 10 mm - downwards 0 mm - at the side 0 mm - forwards 10 mm - at the side 0 mm - forwards 10 mm - at the side 0 mm - forwards 10 mm - at the side 6 mm - forwards 10 mm - upwards 10 mm - upwards 10 mm - forwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm | Installation/ mounting/ dimensions | |
| backward by +/- 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 • side-by-side mounting Yes height 102 mm width 45 mm depth 107 mm required spacing 107 mm • with side-by-side mounting 107 mm - forwards 10 mm - downwards 10 mm - downwards 0 mm - at the side 0 mm - forwards 10 mm - at the side 0 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - at the side 6 mm - at the side 6 mm | | +/-180° rotation possible on vertical mounting surface; can be tilted forward and |
| • side-by-side mounting Yes height 102 mm width 45 mm depth 107 mm required spacing • • with side-by-side mounting 0 mm - forwards 10 mm - upwards 10 mm - downwards 10 mm - at the side 0 mm - at the side 0 mm - forwards 10 mm - at the side 0 mm - forwards 10 mm - at the side 6 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm - upwards 10 mm - upwards 10 mm - at the side 6 mm | | |
| height 102 mm width 45 mm depth 107 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 - at the side 6 mm - at the side 6 mm - at the side 6 mm - at the side 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm - browards 10 mm - at the side 6 mm | fastening method | screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 |
| width 45 mm depth 107 mm required spacing - • with side-by-side mounting 0 mm - forwards 10 mm - upwards 10 mm - downwards 0 mm - at the side 0 mm - forwards 10 mm - forwards 10 mm - at the side 0 mm - at the side 6 mm - at the side 10 mm - at the side 10 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm - at the side 6 mm - forwards 10 mm - at the side 6 mm - at the side 6 mm - upwards 10 mm - upwards 10 mm - at the side 6 mm | side-by-side mounting | Yes |
| depth 107 mm required spacing - • with side-by-side mounting - - forwards 10 mm - upwards 10 mm - downwards 0 mm - at the side 0 mm • for grounded parts - - forwards 10 mm - upwards 10 mm - otownwards 0 mm • for grounded parts - - forwards 10 mm - upwards 10 mm - upwards 0 mm - for marks 10 mm - upwards 10 mm - forwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 6 mm Connections/ Terminals 6 mm | height | 102 mm |
| depth 107 mm required spacing - • with side-by-side mounting - - forwards 10 mm - upwards 10 mm - downwards 0 mm - at the side 0 mm • for grounded parts - - forwards 10 mm - upwards 10 mm - otownwards 0 mm • for grounded parts - - forwards 10 mm - upwards 10 mm - upwards 0 mm - for marks 10 mm - upwards 10 mm - forwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 6 mm Connections/ Terminals 6 mm | width | 45 mm |
| required spacing • with side-by-side mounting - forwards 10 mm - upwards 10 mm - downwards 0 mm - downwards 0 mm - at the side 0 mm • for grounded parts 0 mm - forwards 10 mm - upwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 0 mm - for live parts 10 mm - forwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - forwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection spring-loaded terminals | depth | 107 mm |
| with side-by-side mounting -forwards -upwards -upwards -upwards -downwards -downwards -at the side 0 mm -at the side 0 mm -for grounded parts -forwards -forwards -upwards -forwards -forwards -upwards -forwards -forwards -forwards -upwards | | |
| - forwards10 mm- upwards10 mm- downwards10 mm- at the side0 mm- at the side0 mm• for grounded parts10 mm- upwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm- at the side6 mm- downwards10 mm- downwards10 mm- for ive parts forwards10 mm- upwards10 mm- forwards10 mm- forwards10 mm- forwards10 mm- upwards10 mm- downwards6 mm- downwards6 mm- downwards5 mm- formections/ Terminals-type of electrical connection-• for main current circuitspring-loaded terminals | | |
| upwards10 mm- downwards10 mm- at the side0 mm• for grounded parts0 mm- forwards10 mm- upwards10 mm- at the side6 mm- at the side10 mm- at the side10 mm- forwards10 mm- at the side6 mm- downwards10 mm- forwards10 mm- forwards10 mm- forwards10 mm- upwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm- at the side6 mm- at the side6 mm- other side6 mm- other side6 mm- at the side6 mm- at the side6 mm- at the side6 mm | | 10 mm |
| - downwards10 mm- at the side0 mm• for grounded parts0 mm- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm- downwards10 mm- for live parts10 mm- forwards10 mm- downwards10 mm- downwards10 mm- forwards10 mm- forwards6 mm- forwards6 mm- forwards6 mm- downwards6 mm- downwards6 mm- at the side6 mm- at the side6 mm- at the side6 mm- at the side6 mm | | |
| - at the side0 mm• for grounded parts10 mm- forwards10 mm- upwards6 mm- at the side6 mm- downwards10 mm• for live parts forwards10 mm- upwards10 mm- forwards10 mm- forwards10 mm- upwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm- at the side6 mm- at the side6 mm | | |
| • for grounded partsI0 mm- forwards10 mm- upwards0 mm- at the side6 mm- downwards10 mm- for live parts10 mm- forwards10 mm- forwards10 mm- upwards10 mm- at the side6 mm- at the side6 mm- norwards10 mm- at the side6 mm- formain current circuitspring-loaded terminals | | |
| - forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm- downwards10 mm- for live parts forwards10 mm- upwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm- forwards10 mm- upwards6 mm- of orman current circuitspring-loaded terminals | | U mm |
| - upwards10 mm- at the side6 mm- downwards10 mm• for live parts forwards10 mm- upwards10 mm- downwards10 mm- at the side6 mmConnections/ Terminals6 mmtype of electrical connectionspring-loaded terminals | | |
| - at the side6 mm- downwards10 mm• for live parts forwards10 mm- upwards10 mm- downwards10 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitspring-loaded terminals | | |
| - downwards10 mm• for live parts forwards10 mm- upwards10 mm- downwards10 mm- a the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitspring-loaded terminals | — upwards | 10 mm |
| • for live partsI0 mm- forwards10 mm- upwards10 mm- downwards10 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitspring-loaded terminals | — at the side | 6 mm |
| forwards 10 mm upwards 10 mm downwards 10 mm at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals | — downwards | 10 mm |
| upwards 10 mm downwards 10 mm at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals | for live parts | |
| - downwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals | — forwards | 10 mm |
| - downwards 10 mm - at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals | — upwards | 10 mm |
| — at the side 6 mm Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals | | |
| Connections/ Terminals type of electrical connection • for main current circuit spring-loaded terminals | | |
| type of electrical connection spring-loaded terminals | | |
| for main current circuit spring-loaded terminals | | |
| | | anving loaded terminals |
| tor auxiliary and control circuit spring-loaded terminals | | |
| | • for auxiliary and control circuit | spring-ioaded terminals |

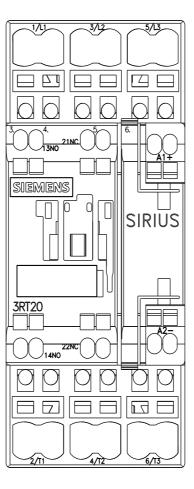
| Test Certificates | Marine / Shipping | | | | | |
|--|--|----------------|--|----------|--|--|
| EMC | Functional Safety/Safety of Ma- chinery <u>Type Examination Cer-</u> <u>tificate</u> | Declaration of | (| G-Konf. | Test Certificates Special Test Certific- ate | <u>Type Test Certific-</u> ates/Test Report |
| | ccc | Confirmatio | <u></u> (| <u>ل</u> | KC | EAC |
| General Product App | roval | | | | | |
| Certificates/ approvals | | | | | | |
| safety-related sw | vitching OFF | | Yes | | | |
| suitability for use | | | | | | |
| • | he front according to IEC | | finger-safe, for vertical contact from the front | | | |
| 61508 protection class IP or | n the front according to I | EC 60529 | IP20 | | | |
| T1 value for proof test i | interval or service life acco | | 20 a | | | |
| | w demand rate according | | 100 FIT | | | |
| | I rate according to SN 319 | | 40 % 73 % | | | |
| proportion of dangero | ous failures I rate according to SN 319 | 20 | 40 % | | | |
| | mand rate according to SN | 1 31920 | 450 000 | | | |
| | ccording to IEC 60947-4-1 | 1.04000 | Yes | | | |
| product function | | | | | | |
| Safety related data | | | | | | |
| for auxiliary cont | acts | | 20 14 | | | |
| for main contacts | S | | 18 8 | | | |
| AWG number as code section | ed connectable conducto | or cross | | | | |
| for AWG cables | for auxiliary contacts | | 2x (20 14) | | | |
| — finely stran | ded without core end proc | essing | 2x (0.5 2.5 mi | m²) | | |
| — finely stran | ded with core end process | ing | 2x (0.5 1.5 m | | | |
| — solid or stra | | | 2x (0.5 2.5 m | m²) | | |
| for auxiliary cont | | | | | | |
| • | conductor cross-sections | - | 0.0 2.0 mm | | | |
| - | vith core end processing vithout core end processing | n | 0.5 1.5 mm ² 0.5 2.5 mm ² | | | |
| solid or stranded | | | 0.5 2.5 mm ² | | | |
| | or cross-section for auxi | liary contacts | 0.5 | | | |
| • | vithout core end processing | - | 1 6 mm² | | | |
| finely stranded w | vith core end processing | | 1 6 mm² | | | |
| stranded | | | 1 10 mm² | | | |
| solid | | | 1 10 mm² | | | |
| • | or cross-section for mair | - | | | | |
| - | vithout core end processing | g | 2x (1 6 mm ²) | | | |
| | vith core end processing | | 2x (1 6 mm ²) | , | | |
| solid or stranded | 1 | | 2x (1 10 mm ² | | | |
| solid | | main contacts | 2x (1 10 mm² | :) | | |
| of magnet coil | nductor cross-sections for | main contacto | Spring-type term | ninais | | |
| | | | | | | |

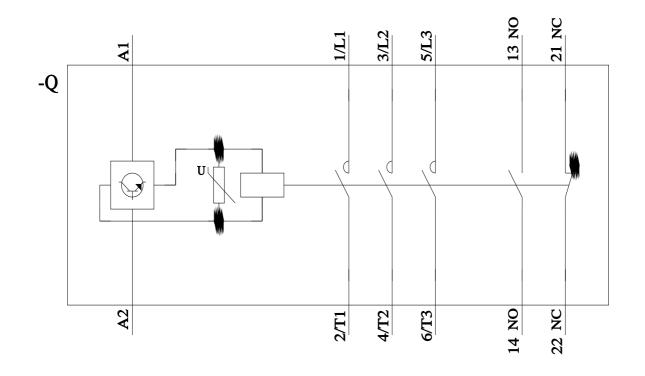
| Martine / Shipping other Railway Window Wi | <u>Miscellaneous</u> | ABS | BUREAU VERITAS | | Hoyds Register LRS | PRS |
|---|---|---|--|-----|-------------------------------|---------------------------|
| With State Dangerous Good Environment Transport Information Environmental Con- firmations Under Information Environmental Con- firmations Under Information Environmental Con- firmations Under Information Environmental Con- firmations Stemens has decided to exit the Russian market (see here). Environmental Con- firmations Stemens has decided to exit the Russian market (see here). Environmental Con- firmations Stemens has decided to exit the Russian market (see here). Environmental Con- firmations Stemens has decided to exit the Russian the current EAC certificates. Environmental Con- firmation on the packaging Please contact your local Stemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). Information - and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ci/Ul Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/willen/en/Catalogiproduct?mith=3RT2028-2NB30 Cax online generator Info/support industry. Semens.com/WWic/CAXorder/default.aspx?lang=en&mlfb=3RT2028-2NB30 Service&Support (Manuals, Certificates, Characteristics, FAGs,) http://www.automation.siemens.com/Swivein/SART2028-2NB30 Image database (product Images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN | Marine / Shipping | | other | | | Railway |
| Transport Information Environmental Con- firmations Siemens has decided to exit the Russian market (see here). https://jcress.siemens.com/clobal/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,) https://support.industry.siemens.com/mal/en/en/Catalog/product?mlfb=3RT2028-2NB30 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2028-2NB30 Service&&Support (Manuals, Certificates, Characteristics, FAQs,) http://support.automation.siemens.com/MW/CAXorder/default.aspx?lang=en&mlfb=3RT2028-2NB30 Service&Support (Manuals, Certificates, Characteristics, FAQs,) http://support.industry.siemens.com/os/ww/en/ps/3RT2028-2NB30 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://support.industry.siemens.com/sub/lod/cax.de aspx?mlfb=3RT2028-2NB30⟨=en Characteristic: Tripping characteristics, P1, Let-through current http://support.industry.siemen | RINA | RMRS R | <u>Confirmation</u> | VDE | <u>Confirmation</u> | Vibration and Shock |
| urther information Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). Information on the packaging https://upport.industry.siemens.com/s/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,) https://upport.industry.siemens.com/ic10 Industry Mail (Online ordering system) https://upport.industry.siemens.com/mail/en/en/Catalog/product?mifb=3RT2028-2NB30 Cax online generator http://support.industry.siemens.com/mail/en/en/Catalog/product?mifb=3RT2028-2NB30 Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://www.automation.siemens.com/is/Widen/si/3RT2028-2NB30 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://support.industry.siemens.com/Si/Widen/Si/3RT2028-2NB30&//infb=3RT | Dangerous Good | Environment | | | | |
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