SIEMENS

Data sheet

3RT2326-2BM40



contactor AC-1, 40 A, 400 V / 40 $^{\circ}$ C, 4-pole, 220 V DC, auxiliary contacts: 1 NO + 1 NC, spring-loaded terminal, size: S0

| product brand name | SIRIUS |
|--|--------------------------|
| product designation | Contactor |
| product type designation | 3RT23 |
| General technical data | |
| size of contactor | S0 |
| 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 | 2.4 W |
| without load current share typical | 5.9 W |
| insulation voltage | |
| of main circuit with degree of pollution 3 rated value | 690 V |
| of the auxiliary and control 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 |
| shock resistance at rectangular impulse | |
| • at DC | 10g / 5 ms, 7,5g / 10 ms |
| shock resistance with sine pulse | |
| • at DC | 15g / 5 ms, 10g / 10 ms |
| mechanical service life (operating cycles) | |
| of contactor typical | 10 000 000 |
| 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 | 4 |
| number of NO contacts for main contacts | 4 |
| operational current | |
| at AC-1 at 400 V at ambient temperature 40 °C rated | 40 A |

| value | |
|---|--|
| • at AC-1 | |
| — up to 690 V at ambient temperature 40 °C rated | 40 A |
| value | 35 A |
| — up to 690 V at ambient temperature 60 °C rated value | 55 A |
| • at AC-3 | |
| — at 400 V rated value | 15.5 A |
| at AC-4 at 400 V rated value | 15.5 A |
| minimum cross-section in main circuit at maximum AC-1 rated | 10 mm ² |
| value | |
| operating power | |
| at AC-3 at 400 V rated value | 7.5 kW |
| at AC-4 at 400 V rated value | 7.5 kW |
| short-time withstand current in cold operating state up to 40 °C | |
| limited to 1 s switching at zero current maximum | Use minimum cross-section acc. to AC-1 rated value |
| limited to 5 s switching at zero current maximum | Use minimum cross-section acc. to AC-1 rated value |
| limited to 10 s switching at zero current maximum | Use minimum cross-section acc. to AC-1 rated value |
| limited to 30 s switching at zero current maximum | Use minimum cross-section acc. to AC-1 rated value |
| limited to 60 s switching at zero current maximum | Use minimum cross-section acc. to AC-1 rated value |
| no-load switching frequency | |
| • at DC | 1 500 1/h |
| operating frequency at AC-1 maximum | 1 000 1/h |
| Control circuit/ Control | |
| type of voltage | DC |
| type of voltage of the control supply voltage | DC |
| control supply voltage at DC | |
| rated value | 220 V |
| operating range factor control supply voltage rated value of | |
| magnet coil at DC | |
| initial value | 0.8 |
| full-scale value | 1.1 |
| closing power of magnet coil at DC | 5.9 W |
| holding power of magnet coil at DC | 5.9 W |
| closing delay | |
| • at DC | 50 170 ms |
| opening delay | |
| • at DC | 15 18 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 | 1 |
| attachable | 2 |
| instantaneous contact | 1 |
| number of NO contacts for auxiliary contacts | 1 |
| attachable | 2 |
| instantaneous contact | 1 |
| operational current at AC-12 maximum | 10 A |
| operational current at AC-15 | |
| • at 230 V rated value | 10 A |
| • at 400 V rated value | 3 A |
| • at 500 V rated value | 2 A |
| at 690 V rated value | 1 A |
| operational current at DC-12 | |
| • at 24 V rated value | 10 A |
| • at 48 V rated value | 6 A |
| • at 60 V rated value | 6 A |
| • at 110 V rated value | 3 A |
| • at 125 V rated value | 2 A |
| • at 220 V rated value | 1 A |
| • at 600 V rated value | 0.15 A |

| ore add valueImage: add value• 10.4 V rited value1A• 11.4 V rited value1A• 11.1 V rited value0.5 A• 11.2 V rited value0.5 I A (20 V 400 A)• 11.2 V rited value0.5 I A (| | | |
|--|---|--|--|
| • 449 Vrider value2 A• • • • • • • • • • • • • • • • • • • | operational current at DC-13 | | |
| • A• all 10 V rade value0 A• all 25 V rade value0 A• constart radia provides0 A• or short -const provides0 A <t< td=""><td>• at 24 V rated value</td><td>10 A</td></t<> | • at 24 V rated value | 10 A | |
| • 125 V rated value0.9 Å• 125 V rated value0.1 Å• 160 V rated value0.1 Å• 160 V rated value0.1 Å (200 V,400 Å)• once telability of auxilary contacts1 fauly switching per 100 million (17 V, 1 mÅ)• Outcask rating of auxillary contacts according to ULNo• Outcask rating of auxillary contacts0.6 (200 / 6000• Outcask rating of auxillary contacts according to ULNo• Outcask rating of auxillary contacts0.6 (200 / 6000 | at 48 V rated value | 2 A | |
| • al 220 V rate value0.3 Åeight of the instature excute breaker for short-circuit protection96: 10 A (230 V, 400 A)design of the instature excute breaker for short-circuit protection4800 / 0600Contact rating of auxiliary contacts according to ULA800 / 0600Short-excute protectionNoShort-excut protection of the main circuit96: 10 A (230 V, 400 A)e-ordiar failed protection of the main circuit96: 33 A (600 V, 100 KA)with por of assignment 2 required96: 30 A (600 V, 100 KA)with por of assignment 2 required96: 30 A (600 V, 100 KA)with por of assignment 2 required96: 30 A (600 V, 100 KA)with por of assignment 2 required96: 10 A (230 V, 400 KA)with por of assignment 2 required96: 10 A (230 V, 400 KA)with short 0-cut protection of the auxility switch required96: 10 A (230 V, 100 KA)with short 0-cut protection of the auxility switch required96: 10 A (230 V, 100 KA)with short 0-cut protection of the auxility switch required switch 2 Schort 0-cut protection conting96: 10 A (230 V, 100 KA)with short 0-cut protection96: 10 A (230 V, 100 KA)10 A (200 V, 100 KA)with short 0-cut protection96: 10 A (230 V, 100 KA)10 A (200 V, 100 KA)with short 0-cut protection90: 10 A (200 V, 100 KA)10 A (200 V, 100 KA)with short 0-cut protection90: 10 A (200 V, 100 KA)10 A (200 V, 100 KA)with short 0-cut protection90: 10 A (200 V, 100 KA)10 A (200 V, 100 KA)with short 0-cut protection90: 10 A (200 V, 100 KA)10 | at 110 V rated value | 1 A | |
| • #1600 Yrsied value01.1offer availage settor regulated for short-circuit protects96:10.0 (230 V.400 A)Contact reliability of availage contacts1 fauly settoring protection (200 V.200 V. | at 125 V rated value | 0.9 A | |
| essays of the instance circuit protection of the auxiliary solution required of the auxiliary solution required of the auxiliary solution contracts according to UL A000 / 0800 Contact reliability of auxiliary contacts according to UL A000 / 0800 Stort activity protection No Ordinary contracts according to UL A000 / 0800 Stort activity protection No - with type of condination 1 required - for short-cruut protection of the auxiliary with required - for short-cruut protection of the auxiliary with required - for short-cruut protection of the auxiliary with required - for words Yes Installing method - statistic mounting of the transition - forwards Server and short of the auxiliary contract and buckward by 4-2-25 'on wethold mounting surface; can be titled forward and buckward by 4-2-25 'on wethold mounting surface; can be titled forward and buckward by 4-2-25 'on wethold mounting surface; - forwards required spacing - forwards 10 mm - upwards 10 mm - ontwards 10 mm | at 220 V rated value | 0.3 A | |
| of the auxilary availang contacts 1 struty availang or auxilary contacts contact reliability of auxilary contacts 4 struty availang or 100 milion (17 V, 1 mA) contact reliability of auxilary contacts according to UL A 800 / 6800 Struture protection No product function short circuit protection No elesing of the tas link - - with type of adsignment 2 required gG: 53 A (680 V, 100 kA) - with type of adsignment 2 required gG: 63 A (680 V, 100 kA) - with type of adsignment 2 required gG: 63 A (680 V, 100 kA) - with type of adsignment 2 required gG: 63 A (680 V, 100 kA) - with type of adsignment 2 required gG: 70 A (880 V, 100 kA) - with type of adsignment 2 required gG: 70 A (880 V, 100 kA) - with table of mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface; can be blied forward and backed spin mounting surface | • at 600 V rated value | 0.1 A | |
| ULC5A values A600 / 0600 SoftedFacult protection A600 / 0600 product function short circuit protection No eleging of the tase link For short-circuit protection is not circuit protection is availary switch required g: (3 A (090 V, 100 kA) - with type of assignment 2 required g: (3 A (090 V, 100 kA) g: (3 A (090 V, 100 kA) - with type of assignment 2 required g: (3 A (090 V, 100 kA) g: (3 A (090 V, 100 kA) - with type of assignment 2 required g: (3 A (090 V, 100 kA) g: (3 A (090 V, 100 kA) - with type of assignment 2 required g: (3 A (090 V, 100 kA) g: (3 A (090 V, 100 kA) - with side of counting of the awailary switch required g: (3 A (090 V, 100 kA) g: (3 A (090 V, 100 kA) - with side of counting of the awailary switch required g: (3 A (090 V, 100 kA) g: (3 A (090 V, 100 kA) - with side of counting of the awailary switch required g: (3 A (090 V, 100 kA) g: (3 A (090 V, 100 kA) - mounting policities softed system conting to (0 (00 m) g: (0 A (00 m) - fastion is conting 10 mm to (0 m) | | gG: 10 A (230 V, 400 A) | |
| contact rating of auxiliary contacts according to UL A600/0600 Short-chicult protection No product function short circuit protection No design of the fuse link gf: 65 A (690 V, 100 KA) - with type of condination 1 required gf: 65 A (690 V, 100 KA) - with type of condination 1 required gf: 65 A (690 V, 100 KA) - with type of condination 1 required gf: 10 A (690 V, 100 KA) - with type of condination 1 required gf: 10 A (690 V, 100 KA) Instantification mounting dimensions required age and mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward and backward by +2 2.5 °n vertical mounting surface: can be litted forward a | contact reliability of auxiliary contacts | 1 faulty switching per 100 million (17 V, 1 mA) | |
| Short-chrout production No product function short circuit protection No edsign of the type in (Main Circuit) G: 63.A (690 V, 100 KA) with type of condination 1 required gG: 20.A (690 V, 100 KA) with type of condination 1 required gG: 20.A (690 V, 100 KA) with type of condination 1 required gG: 20.A (690 V, 100 KA) with type of condination 1 required gG: 20.A (690 V, 100 KA) with type of condination 1 required gG: 20.A (690 V, 100 KA) with type of condination 1 required gG: 20.A (690 V, 100 KA) with type of condination 1 required gG: 20.A (690 V, 100 KA) with type of condination 1 required gG: 20.A (690 V, 100 KA) with type of condination 1 required gG: 20.A (690 V, 100 KA) with type of condination 1 required gG: 20.A (690 V, 100 KA) meuning condition screw and sanap-on mounting surface; can be biled forward and backward by + 2.2 ° 7 montechnome 1 required forwards 10 mm forwards 10 mm | UL/CSA ratings | | |
| product function short circuit protection No design of the fase link design of the fase link design of the fase link - with type of coordination 1 required | contact rating of auxiliary contacts according to UL | A600 / Q600 | |
| design of the fuse link if or short-circuit protection of the main circuit | Short-circuit protection | | |
| • for short-circuit protection of the main circuit g: 63 A (690 V, 100 kA) - with type of assignment 2 required g: 62 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required g: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required g: 10 A (690 V, 100 kA) • for short-circuit protection of the auxiliary switch required g: 10 A (690 V, 1 kA) • for short-circuit protection of the auxiliary switch required science and snap-o mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and backward by +/- 22 S' on vertical mounting surface, can be tilted forward and bio divertify • with side-by-side mounting • 00 mm • 00 mm • expands 10 mm • 00 mm • of origo quards 10 mm • 00 mm < | product function short circuit protection | No | |
| - with type of assignment 2 required 9G: 83 A (890 V. 100 kA) - with type of assignment 2 required 9G: 20 A (890 V. 100 kA) is of short-circuit protection of the auxiliary switch required 5G: 10 A (890 V. 14A) imauting position +100° rotation possible on vertical mounting surface: can be litted forward and backward by 4/- 225° on vertical mounting surface: can be litted forward and surface fastening method 9C - side by side mounting Yes heigh 00 mm depth 107 mm required spacing - - forwards 100 mm - upwards 100 mm - downwards 00 mm - upwards 100 mm - downwards 100 mm - downwards 10 mm < | design of the fuse link | | |
| - with type of assignment 2 required • for short-circuit protection of the survival required • for grounded parts • for grounded parts • for grounded parts • for short-circuit protection • for survival survival required • for survival survival survival required • for survival survi | for short-circuit protection of the main circuit | | |
| • for short-circul protection of the auxiliary switch required g6: 10 A (690 V, 1 KA) Installation inconting dimensions +/180° rotation possible on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and backward by -V, 22.5° on vertical mounting surface; can be tilted forward and the processing 100 mm - forwards 100 mm - forwards 100 mm - upwards 100 mm - upwards 100 mm - onvards 100 mm - onvards | — with type of coordination 1 required | gG: 63 A (690 V, 100 kA) | |
| Installation/mounting/dimensions +/-130° rotation possible on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and backward by -/-225° on vertical mounting surface: can be tilted forward and depth height 102 mm width 60 mm dopth 102 mm • with side-by-side mounting 100 mm - upwards 10 mm - dorwards 10 mm - at the side 0 mm • for gounded parts 10 mm - dorwards 10 mm< | — with type of assignment 2 required | gG: 20 A (690 V, 100 kA) | |
| mounting position +1.80° 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 out 0.5 mm DIN cal according to DIN EN 60715 • side-by-side mounting Yes height 102 mm vieth 60 mm depth 107 mm required spacing • • with side-by-side mounting - - forwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 0 mm - at the side 0 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm< | for short-circuit protection of the auxiliary switch required | gG: 10 A (690 V, 1 kA) | |
| mounting position +1.80° 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 out 0.5 mm DIN cal according to DIN EN 60715 • side-by-side mounting Yes height 102 mm vieth 60 mm depth 107 mm required spacing • • with side-by-side mounting - - forwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 0 mm - at the side 0 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm - downwards 10 mm< | Installation/ mounting/ dimensions | | |
| backward by 4+ 22.5° on vertical mounting surface fastening method screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 height 102 mm height 000 mm depth 107 mm required spacing 107 mm - infwards 100 mm - upwards 100 mm - downwards 00 mm - downwards 100 mm - downwards 100 mm - downwards 100 mm - downwards 100 mm - upwards 100 mm - downwards 100 mm - downwards 100 mm - upwards 100 mm - downwards | | | |
| • side-by-side mounting Yes To height 102 nm 102 nm width 60 mm 60 mm depth 107 nm 107 nm required spacing 10 mm 100 mm - upwards 10 mm 100 mm - upwards 10 mm 100 mm - dorwards 10 mm 100 mm - at the side 0 mm 100 mm - for grounded parts 10 mm 100 mm - for wards 10 mm 100 mm - upwards 10 mm 100 mm - upwards 10 mm 100 mm - dorwards 10 mm | | | |
| height 102 mm width 60 mm depth 107 mm required spacing 107 mm - with side-by-side mounting - - forwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 0 mm - for vards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - upwards 10 mm - downwards 10 mm - of rawards 5 frim_site <td< td=""><td>fastening method</td><td>screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715</td></td<> | fastening method | screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 | |
| vikith 60 mm depth 107 mm required spacing 107 mm • with side-by-side mounting 0 mm - forwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 0 mm - for grounded parts 10 mm - upwards 10 mm - upwards 10 mm - at the side 6 mm - downwards 10 mm - downards | side-by-side mounting | Yes | |
| depth107 mmrequired spacing• with side-by-side mounting- forwards- upwards- upwards- downwards0 mm- downwards0 mm- downwards0 mm- downwards0 mm- for grounded parts- forwards0 mm- upwards10 mm- upwards10 mm- downwards0 mm- downwards10 mm- downwards10 mm- for live parts- forwards10 mm- downwards10 mm- for auxiliary contacts- solid <td>height</td> <td>102 mm</td> | height | 102 mm | |
| required spacing • with side-by-side mounting - forwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 0 mm - at the side 0 mm - for upwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ terminals | width | 60 mm | |
| • with side-by-side mountingI- forwards10 mm- upwards10 mm- upwards10 mm- at the side0 mm- at the side0 mm- forwards10 mm- upwards10 mm- upwards0 mm- upwards0 mm- upwards0 mm- at the side6 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- downwards10 mm- forlike partsI- forwards10 mm- upwards10 mm- downwards10 mm- downwards10 mm- for auxiliary and control circuitspring-loaded terminals- for auxiliary and control circuitspring-loaded terminals• of maginet coilSpring-lype terminals• of auxiliary contactsSpring-lype terminals• of auxiliary contactsSpring-lype terminals• of angent coil2x (1 10 mm²)• solid2x (1 10 mm²)• finely stranded with core end processing2x (1 10 mm²• solid or stranded1 10 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing1 10 mm²< | depth | 107 mm | |
| forwards10 mm upwards10 mm downwards10 mm downwards0 mm forwards0 mm forwards10 mm upwards10 mm upwards0 mm upwards10 mm downwards10 mm downwards5pring-type terminals downwardsSpring-type terminals downwardsSpring-type terminals downwardsSpring-type terminals for axiliary and control circuitSpring-type terminals of for axiliary contactsSpring-type terminals of for axiliary contactsSpring-type terminals of for axiliary contactsSpring-type terminals of finely stranded with core end processing2x (1 10 mm ²) | required spacing | | |
| - upwards10 mm- downwards00 mm- at the side00 mm• for grounded parts00 mm- forwards10 mm- upwards10 mm- upwards00 mm- at the side6 mm- downwards00 mm- downwards10 mm- forwards10 mm- downwards10 mm- downwards10 mm- forwards10 mm- upwards10 mm- upwards10 mm- upwards10 mm- downwards00 mm- at the side6 mm6 mm5 pring-loaded terminals5 pring-loaded terminalsfor auxiliary and control circuitspring-loaded terminalsto romain current circuitspring-loaded terminalsto for auxiliary contactsSpring-loaded terminalstype of connectable conductor cross-sections for main contactsSpring-loaded terminalstype of connectable conductor cross-sections for main contactsSpring-loaded terminalssolid2x (1 10 mm²)solid or stranded2x (1 10 mm²)solid or stranded2x (1 10 mm²solid or stranded1 10 mm² | with side-by-side mounting | | |
| - downwards10 mm- at the side0 mm- for grounded parts0 mm- forwards10 mm- upwards10 mm- at the side6 mm- downwards10 mm- at the side6 mm- downwards10 mm- forwards10 mm- forwards10 mm- forwards10 mm- forwards10 mm- downwards10 mm- at the side6 mm- forwards10 mm- at the side6 mmConnections/ Terminals9 mm- at the side5 pring-loaded terminals• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• of auxiliary contactsSpring-type terminals• of auxiliary contactsspring-loaded terminals• of auxiliary and control circuitspring-loaded terminals• of auxiliary and control circ | — forwards | 10 mm | |
| LatterDraw at the side0 mm forwards10 mm upwards10 mm upwards10 mm downwards0 mm downwards10 mm downwards10 mm downwards10 mm forwards10 mm forwards10 mm upwards10 mm downwards10 mm downwards10 mm downwards10 mm downwards10 mm at the side6 mm at the side6 mm at the side5 pring-loaded terminals of main current circuitspring-loaded terminals- for main current circuitspring-loaded terminals- of or auxiliary and control circuitspring-loaded terminals- of if auxiliary contactsSpring-type terminals- of magnet coilSpring-type terminals- solid2x (1 10 mm²)- solid2x (1 10 mm²)- solid vithout core end processing2x (1 6 mm²)- solid or stranded1 10 mm²- stranded1 10 mm²- stranded with core end processing1 6 mm²- finely stranded with core end processing< | — upwards | 10 mm | |
| • for grounded partsI 0 mm- forwards10 mm- upwards10 mm- at the side6 mm- downwards00 mm• for live parts10 mm- forwards10 mm- upwards10 mm- downwards6 mm- downwards10 mm- at the side6 mm- downwards10 mm- at the side6 mm- downwards10 mm- at the side6 mm- downwards5 pring-loaded terminals• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• of magnet coilSpring-type terminals• of magnet coilSpring-type terminals• of inely stranded with core end processing2x (1 10 mm²)• finely stranded with core end processing2x (1 10 mm²• solid1 10 mm²• solid or stranded1 10 mm²• solid with core end processing1 10 mm²• solid with core end processing1 10 mm²• solid or stranded with core end processing1 10 mm²• solid or stranded with core end processing1 10 mm²• stranded with core end processing1 10 mm²• finely stranded with core end processing1 6 mm²• finely stranded with core end processing1 10 mm²• finely stranded with core end processing1 6 mm² | — downwards | 10 mm | |
| -forwards10 mm-upwards10 mm-upwards6 mm-at the side6 mm-ownwards10 mm-for live partsforwards10 mm-upwards10 mm-upwards10 mm-downwards10 mm-at the side6 mmConnections/ Terminals5 mmtype of electrical connectionspring-loaded terminals•for auxiliary and control circuitspring-loaded terminals•of magnet coilSpring-loaded terminals•of magnet coilSpring-loaded terminals•of magnet coilSpring-loaded terminals•of magnet coilSpring-loaded terminals•solid or stranded2x (1 10 mm²)•solid or stranded with core end processing2x (1 10 mm²)•solid or stranded with core end processing2x (1 10 mm²•solid or stranded1 10 mm²•solid or stranded with core end processing1 10 mm²•solid or stranded with core end processing1 6 mm²•solid or stranded with core end processing1 6 mm²•finely stranded with core end processing1 6 mm² | — at the side | 0 mm | |
| upwards10 mm at the side6 mm downwards10 mm downwards10 mm forwards10 mm upwards10 mm upwards10 mm downwards0 mm downwards6 mm at the side6 mmConnections/ TerminalsSpring-loaded terminalsof auxiliary and control circuitspring-loaded terminalsof auxiliary contactsSpring-type terminalsof auxiliary contactsSpring-type terminalsof auxiliary contactsSpring-type terminalsSolidSpring-type terminalsSpring-type terminalsSprin | for grounded parts | | |
| - at the side 6 mm - at the side 6 mm - downwards 10 mm • for live parts - - forwards 10 mm - upwards 10 mm - downwards 10 mm - downwards 10 mm - downwards 10 mm - at the side 6 mm Connections/ Terminals 6 mm Connections/ Terminals 5 mm Connections / Terminals 6 mm connact or for auxiliary and control circuit spring-loaded terminals of ragnet coil Spring-type terminals of magnet coil Spring-type terminals vipe of connectable conductor cross-sections for main contacts 5 • solid 2x (1 10 mm²) of inely stranded with core end processing 2x (1 10 mm²) iniely stranded with core end processing 2x (1 6 mm²) • solid 1 10 mm² • solid 1 10 mm² • solid or stranded | — forwards | 10 mm | |
| downwards10 mm• for live parts0 mmforwards10 mmupwards10 mmdownwards10 mmdownwards6 mmdownwards6 mmdownwards6 mmdownwards5 pring-loaded terminalsdownwardsspring-loaded terminalsdownwardsSpring-loaded terminalsdownwardsSpring-loaded terminalsdownwardsSpring-loaded terminalsdownwardsSpring-loaded terminalsdownwardsSpring-type terminalsdownwardsSpr | — upwards | 10 mm | |
| • for live parts forwards10 mm- upwards10 mm- downwards00 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• of magnet coilSpring-type terminals• of magnet coilSpring-type terminals• of magnet coil2x (1 10 mm²)• solid or stranded2x (1 10 mm²)• solid or stranded2x (1 6 mm²)• solid or stranded1 10 mm²• solid or stranded with core end processing1 6 mm²• solid or stranded with core end processing1 6 mm²• finely stranded with core end processing1 6 mm² | — at the side | 6 mm | |
| - forwards10 mm- upwards10 mm- downwards10 mm- downwards6 mm- at the side6 mmConnection// Terminalstype of electrical connection• for main current circuitspring-loaded terminals• for axiliary and control circuitspring-loaded terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminals• of magnet coilSpring-type terminals• solid2x (1 10 mm²)• solid or stranded2x (1 10 mm²)• finely stranded with core end processing2x (1 6 mm²)• solid1 10 mm²• solid or stranded1 10 mm²• solid1 10 mm²• solid or stranded1 10 mm²• solid or stranded with core end processing1 10 mm²• solid or stranded with core end processing1 10 mm²• solid or stranded with core end processing1 10 mm²• solid or stranded with core end processing1 10 mm²• finely stranded with core end processing1 6 mm² | — downwards | 10 mm | |
| - upwards10 mm- downwards10 mm- at the side6 mmConnections/ TerminalsSpring-loaded terminalsspring-loaded terminalsspring-loaded terminalsSpring-loaded terminalsSpring-loaded terminalsSpring-loaded terminalsSpring-type terminals <td co<="" td=""><td>• for live parts</td><td></td></td> | <td>• for live parts</td> <td></td> | • for live parts | |
| - downwards10 mm- at the side6 mmConnections/ Terminalstype of electrical connection• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• for auxiliary and control circuitSpring-type terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminalstype of connectable conductor cross-sections for main contactsx (1 10 mm²)• solid2x (1 10 mm²)• solid or stranded2x (1 6 mm²)• finely stranded with core end processing2x (1 6 mm²)• solid or stranded1 10 mm²• solid or stranded1 10 mm²• solid or stranded1 10 mm²• solid or stranded with core end processing1 10 mm²• solid or stranded1 10 mm²• solid or stranded with core end processing1 6 mm²• finely stranded with core end processing1 6 mm²• finely stranded without core end processing1 6 mm² | | 10 mm | |
| - downwards10 mm- at the side6 mmConnections/ TerminalsConnection (crucit)• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminals• of magnet coilSpring-type terminals• of magnet coilSpring-type terminals• solid or stranded2x (1 10 mm²)• solid or stranded with core end processing2x (1 10 mm²)• solid2x (1 6 mm²)• solid or stranded without core end processing1 10 mm²• solid or stranded1 10 mm²• solid or stranded1 10 mm²• solid or stranded without core end processing1 10 mm²• solid or stranded without core end processing1 10 mm²• solid or stranded1 10 mm² | — upwards | 10 mm | |
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| Connections/ Terminals type of electrical connection • for main current circuit • for auxiliary and control circuit • at contactor for auxiliary contacts • of magnet coil type of connectable conductor cross-sections for main contacts • solid • solid or stranded • finely stranded with core end processing • solid • solid or stranded • solid • finely stranded with core end processing • solid or stranded • solid • solid • finely stranded with core end processing • solid • solid • solid • solid • solid • solid • finely stranded with core end processing • solid • solid or stranded • solid or stranded • stranded • finely stranded with core end processing • finely stranded with core end processing <td></td> <td></td> | | | |
| type of electrical connection• for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminalstype of connectable conductor cross-sections for main contacts $2x (1 10 mm^2)$ • solid or stranded $2x (1 10 mm^2)$ • finely stranded with core end processing $2x (1 6 mm^2)$ • solid $1 10 mm^2$ • solid or stranded $1 10 mm^2$ • solid $1 10 mm^2$ • finely stranded with core end processing $1 10 mm^2$ • solid $1 10 mm^2$ • solid $1 10 mm^2$ • solid or stranded $1 10 mm^2$ • solid or stranded $1 10 mm^2$ • solid or stranded $1 10 mm^2$ • stranded with core end processing $1 6 mm^2$ • finely stranded with core end processing $1 6 mm^2$ | | | |
| • for main current circuitspring-loaded terminals• for auxiliary and control circuitspring-loaded terminals• at contactor for auxiliary contactsSpring-type terminals• of magnet coilSpring-type terminalstype of connectable conductor cross-sections for main contacts $2x (1 10 mm^2)$ • solid or stranded $2x (1 10 mm^2)$ • finely stranded with core end processing $2x (1 6 mm^2)$ • finely stranded without core end processing $2x (1 6 mm^2)$ • solid or stranded $1 10 mm^2$ • solid or stranded with core end processing $1 6 mm^2$ • solid or stranded with core end processing $1 10 mm^2$ • solid or stranded with core end processing $1 6 mm^2$ | | | |
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| • solid2x (1 10 mm²)• solid or stranded2x (1 10 mm²)• finely stranded with core end processing2x (1 6 mm²)• finely stranded without core end processing2x (1 6 mm²)• connectable conductor cross-section for main contacts-• solid1 10 mm²• solid or stranded1 10 mm²• solid or stranded1 10 mm²• solid or stranded1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 6 mm²• finely stranded with core end processing1 6 mm²• finely stranded without core end processing1 6 mm² | · · · · · · · · · · · · · · · · · · · | oping type terminate | |
| • solid or stranded2x (1 10 mm²)• finely stranded with core end processing2x (1 6 mm²)• finely stranded without core end processing2x (1 6 mm²)connectable conductor cross-section for main contacts-• solid1 10 mm²• solid or stranded1 10 mm²• stranded1 10 mm²• stranded with core end processing1 6 mm²• finely stranded with core end processing1 6 mm²• finely stranded with core end processing1 6 mm² | | $2x (1 - 10 \text{ mm}^2)$ | |
| • finely stranded with core end processing2x (1 6 mm²)• finely stranded without core end processing2x (1 6 mm²)connectable conductor cross-section for main contacts | | | |
| • finely stranded without core end processing2x (1 6 mm²)connectable conductor cross-section for main contacts• solid1 10 mm²• solid or stranded1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 6 mm²• finely stranded without core end processing1 6 mm² | | | |
| connectable conductor cross-section for main contacts • solid 1 10 mm² • solid or stranded 1 10 mm² • stranded 1 10 mm² • stranded 1 10 mm² • finely stranded with core end processing 1 6 mm² • finely stranded without core end processing 1 6 mm² | | | |
| • solid1 10 mm²• solid or stranded1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 6 mm²• finely stranded without core end processing1 6 mm² | | 2λ (1 0 ΠΠΓ) | |
| • solid or stranded1 10 mm²• stranded1 10 mm²• finely stranded with core end processing1 6 mm²• finely stranded without core end processing1 6 mm² | | 1 10 mm ² | |
| • stranded1 10 mm²• finely stranded with core end processing1 6 mm²• finely stranded without core end processing1 6 mm² | | | |
| finely stranded with core end processing finely stranded without core end processing 1 6 mm² | | | |
| • finely stranded without core end processing 1 6 mm ² | | | |
| | | | |
| connectable conductor cross-section for auxiliary contacts | | 1 6 mm² | |
| | connectable conductor cross-section for auxiliary contacts | | |

| solid or stranded | | | | | |
|--|------------------------------|-------------------------|-----------------------------------|-------------------------------|-------------------|
| <i>E</i> . 1 1 1 1 | | | 0.5 2.5 mm ² | | |
| finely stranded with core end processing | | 0.5 1.5 mm ² | | | |
| finely stranded without core end processing type of connectable conductor cross-sections | | 0.5 2.5 mm ² | | | |
| | | 3 | | | |
| for auxiliary containing | icts | | - / | | |
| — solid | | | 2x (0.5 2.5 mm ²) | | |
| — solid or stranded | | 2x (0.5 2.5 mm²) | | | |
| finely stranded with core end processing | | 2x (0.5 1.5 mm²) | | | |
| — finely stranded without core end processing | | 2x (0.5 2.5 mm²) | | | |
| • for AWG cables for auxiliary contacts AWG number as coded connectable conductor cross | | 2x (20 14) | | | |
| section | | or cross | | | |
| • for main contacts | | 18 8 | | | |
| for auxiliary contacts | | 20 14 | | | |
| afety related data | | _ | | | _ |
| product function | | | | | |
| | cording to IEC 60947-4-1 | | Yes | | |
| 61508 | nterval or service life acco | - | 20 a | | |
| - | the front according to I | | IP20 | | |
| - | e front according to IEC | 60529 | finger-safe, for vertical contact | from the front | |
| ommunication/ Protoc | | | | | |
| product function bus | communication | | No | | |
| ertificates/ approvals | | | | | |
| General Product Appr | oval | | | | EMC |
| Functional Safety/Safety of Ma- | Declaration of Confor | mity | Test Certificates | | Marine / Shipping |
| chinery Type Examination Cer- tificate | | | Type Test Certific- | | |
| | UK | () | ates/Test Report | Special Test Certific- ate | |
| | CA | CE EG-Konf. | | | ABS |
| Marine / Shipping | ĊÀ | | | | ABS |
| Marine / Shipping | | | | | ABS |
| Marine / Shipping | | EG-Konf. | | | ABS |
| | | EG-Konf. | ates/Test Report | | ABS |

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).

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nall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2326-2BM40 https://m

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http://www.automation.siemens.com/bilddb/cax_de.aspx*

Characteristic: Tripping characteristics, I²t, Let-through current

https://support.industry.siemens.com/cs/ww/en/ps/3RT23 -2BM40/char

Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RT2326-2BM40&objecttype=14&gridview=view1



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