SIEMENS

Data sheet

3RV2311-1FC10



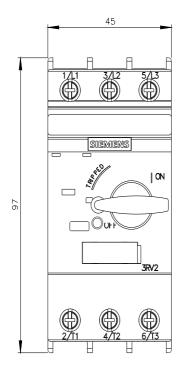
Circuit breaker size S00 for starter combination Rated current 5 A N release 65 A screw terminal Standard switching capacity

| product brand name SIRUS product designation Circuit breaker design of the product For stater combinations product type designation 3RV2 General technical data size of the circuit-breaker Size of the circuit-breaker S00 product extension auxiliary switch Yes power loss [W1 for rated value of the current * • at AC in hot operating state per pole 2.4 W insulation voltage with degree of pollution 3 at AC rated value 68 V surge voltage resistance rated value 64 V shock resistance according to IEC 60068-227 Z5g /11 ms mechanical service lif (operating cycles) * • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 • of auxiliary contacts typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Detain) 100/12009 SWHC substance name Lead - 7439-92-1 Ambient conditions 200 m installon allitude at height above sea level maximum 2000 m amblent temperature <th></th> <th></th> | | | | | |
|---|---|--------------------------|--|--|--|
| design of the product For starter combinations product type designation 3RV2 Ceneral technical data 3RV2 size of the circuit-breaker S00 size of the circuit-breaker S00, S0 product extension auxiliary switch Yes power loss [W] for rated value of the current * • at AC in hot operating state extension 7.25 W • at AC in hot operating state per pole 2.4 W insulation voltage with degree of pollution 3 at AC rated value 660 V surge voltage resistance rated value 6 kV shots resistance according to IEC 60068-2.27 25g/111 ms mechanical service IIf (operating cycles) * • of the main contacts typical 100 000 efference code according to IEC 8136-2 Q Substance Prohibitance (Date) 100/1/2009 SVHC substance name Lead - 7439-92-1 Antibient conditions - installation altitude at height above sea level maximum 2 000 m anblent temperature - • (utring storage -50 +60 °C • (utring storage -50 + | product brand name | SIRIUS | | | |
| product type designation 3RV2 General technical data | product designation | Circuit breaker | | | |
| General technical data 500 size of the circuit-breaker 500 size of contactor can be combined company-specific 500, S0 product extension auxilary switch Yes power loss [W] for rated value of the current 600 V • at AC in hot operating state 7.25 W • at AC in hot operating state prole 2.4 W insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 64 KV shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (operating cycles) 100 000 • of auxiliary contacts typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions -20 +60 °C installation altitude at height above sea level maximum 2 000 m ambient temperature -50 +80 °C • during transport -50 +80 °C • during transport -50 | design of the product | For starter combinations | | | |
| size of the circuit-breaker S00 size of contactor can be combined company-specific S00, S0 product extension auxiliary switch Yes power loss [W] for rated value of the current • at AC in hot operating state 7.25 W • at AC in hot operating state per pole 2.4 W • at AC in hot operating state per pole 680 V surge voltage with degree of pollution 3 at AC rated value 680 V • starte control of the current • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 • of auxiliary contacts typical 100 000 • of auxiliary contacts typical 100 000 • after auture of pole for main • at AC-39 • at AC-39 • at AC-39 • during operation | product type designation | 3RV2 | | | |
| size of contactor can be combined company-specific \$00, \$0 product extension auxiliary switch Yes power loss [W] for rated value of the current • • at AC in hot operating state 7.25 W • at AC in hot operating state per pole 2.4 W insulation voltage with degree of pollution 3 at AC rated value 680 V surge voltage resistance rated value 64 V shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (operating cycles) • • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 • electrical endurance (operating cycles) typical 100 000 • of auxiliary contacts typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 100/1/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions - installation altitude at height above sea level maximum 2 000 m ambient temperature - • during operation -20 +60 °C • during operation -20 +60 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 operating frequency rated value m | General technical data | | | | |
| product extension auxiliary switch Yes power loss [W] for rated value of the current 7.25 W • at AC in hot operating state 7.25 W • at AC in hot operating state per pole 2.4 W insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (operating cycles) 6 • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 • of auxiliary contacts typical 100 000 effectical endurance (operating cycles) typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 SVLS substance name Lead - 7439-92-1 Ambient conditions 200 m installation altitude at height above sea level maximum 2 000 m ambient tomperature -20 +60 °C • during storage -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 number | size of the circuit-breaker | S00 | | | |
| power loss [W] for rated value of the current • at AC in hot operating state 7.25 W • at AC in hot operating state per pole 2.4 W Insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2:27 25g / 11 ms mechanical service life (operating cycles) 6 kV • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100/01/2009 Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Amblent conditions 2 000 m installation altitude at height above sea level maximum 2 000 m amblent temperature -20 +60 °C • during operation -20 +60 °C • during transport -50 +80 °C • | size of contactor can be combined company-specific | S00, S0 | | | |
| • at AC in hot operating state 7.25 W • at AC in hot operating state per pole 2.4 W insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (operating cycles) - • of the main contacts typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 100/1/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions - installation altitude at height above sea level maximum 2 000 m ambient temperature - • during operation -20 +60 °C • during transport -50 +80 °C • during transport -50 +80 °C • during transport -50 +80 °C • rated value 20 690 V • at AC-3 rated value maximum 690 V • at AC-3 rated value maximum 690 V • at AC-3 rated value maxi | product extension auxiliary switch | Yes | | | |
| • at AC in hot operating state per pole 2.4 W insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 25g /11 ms mechanical service life (operating cycles) - • of the main contacts typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions -20 +60 °C • during operation -20 +60 °C • during transport -50 | power loss [W] for rated value of the current | | | | |
| insulation voltage with degree of pollution 3 at AC rated value 690 V surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (operating cycles) - • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 electrical endurance (operating cycles) typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions - installation altitude at height above sea level maximum 2 000 m ambient temperature - • during poration -20 +60 °C • during transport -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage 20 690 V • at AC-3 rated value maximum 690 V • at AC-3 r | at AC in hot operating state | 7.25 W | | | |
| surge voltage resistance rated value 6 kV shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (operating cycles) 100 000 • of the main contacts typical 100 000 electrical endurance (operating cycles) typical 100 000 electrical endurance (operating cycles) typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions installation altitude at height above sea level maximum ambient temperature - • during operation -20 +60 °C • during transport -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage - • at AC-3 rated value maximum 690 V • at AC-3 rated value maximum 690 | at AC in hot operating state per pole | 2.4 W | | | |
| shock resistance according to IEC 60068-2-27 25g / 11 ms mechanical service life (operating cycles) 00 000 • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 electrical endurance (operating cycles) typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions - installation altitude at height above sea level maximum 2 000 m ambient temperature - • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 operating voltage - • at AC-3 rated value maximum 690 V • at AC-3 rated value maximum 690 V • at AC-3 rated value 50 60 Hz operating frequency rated value 50 60 Hz operational current rated value 50 60 Hz | insulation voltage with degree of pollution 3 at AC rated value | 690 V | | | |
| mechanical service life (operating cycles) 100 000 • of the main contacts typical 100 000 • of auxiliary contacts typical 100 000 electrical endurance (operating cycles) typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions installation altitude at height above sea level maximum ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage -690 V • at AC-3 rated value 20 690 V • at AC-3 rated value maximum 690 V • operating frequency rated value 50 60 Hz operating frequency rated value 50 60 Hz | surge voltage resistance rated value | 6 kV | | | |
| • of the main contacts typical100 000• of auxiliary contacts typical100 000electrical endurance (operating cycles) typical100 000reference code according to IEC 81346-2QSubstance Prohibitance (Date)10/01/2009SVHC substance nameLead - 7439-92-1Ambient conditionsinstallation altitude at height above sea level maximumambient temperature2 000 m• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3operating voltage20 690 V• at AC-3 rated value20 690 V• at AC-3 rated value maximum690 V• operating frequency rated value50 60 Hzoperating frequency rated value50 60 Hzoperating frequency rated value50 60 Hz | shock resistance according to IEC 60068-2-27 | 25g / 11 ms | | | |
| • of auxiliary contacts typical 100 000 electrical endurance (operating cycles) typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions 2000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 operating voltage -0 690 V • at AC-3 rated value maximum 690 V • at AC-3 rated value maximum 690 V • at AC-3 rated value maximum 690 V • operating frequency rated value 50 60 Hz operating leurent rated value 50 60 Hz | mechanical service life (operating cycles) | | | | |
| electrical endurance (operating cycles) typical 100 000 reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions 2 000 m ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V • at AC-3e rated value 50 60 Hz operating frequency rated value 50 60 Hz | of the main contacts typical | 100 000 | | | |
| reference code according to IEC 81346-2 Q Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V • at AC-3e rated value maximum 690 V • perating frequency rated value 50 60 Hz operating frequency rated value 50 60 Hz | of auxiliary contacts typical | 100 000 | | | |
| Substance Prohibitance (Date) 10/01/2009 SVHC substance name Lead - 7439-92-1 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage - • rated value 20 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V • operating frequency rated value 50 60 Hz operating current rated value 50 60 Hz | electrical endurance (operating cycles) typical | 100 000 | | | |
| SVHC substance name Lead - 7439-92-1 Ambient conditions 2 000 m installation altitude at height above sea level maximum 2 000 m ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 operating voltage -20 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V • box 60 Hz 50 60 Hz | reference code according to IEC 81346-2 | Q | | | |
| Ambient conditions installation altitude at height above sea level maximum 2 000 m ambient temperature -20 +60 °C • during operation -20 +60 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 operating voltage - • rated value 20 690 V • at AC-3 rated value maximum 690 V • perating frequency rated value 50 60 Hz operating frequency rated value 50 60 Hz | Substance Prohibitance (Date) | 10/01/2009 | | | |
| installation altitude at height above sea level maximum 2 000 m ambient temperature -20 +60 °C • during operation -20 +80 °C • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V • at AC-3e rated value 50 60 Hz operating frequency rated value 50 60 Hz | SVHC substance name | Lead - 7439-92-1 | | | |
| ambient temperature• during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °Crelative humidity during operation10 95 %Main circuit3number of poles for main current circuit3operating voltage-0 690 V• at AC-3 rated value maximum690 V• at AC-3e rated value maximum690 V• at AC-3e rated value maximum50 60 Hzoperating frequency rated value50 60 Hz | Ambient conditions | | | | |
| • during operation-20 +60 °C• during storage-50 +80 °C• during transport-50 +80 °C• relative humidity during operation10 95 %Main circuit3• number of poles for main current circuit3• operating voltage-• rated value20 690 V• at AC-3 rated value maximum690 V• at AC-3e rated value maximum690 V• operating frequency rated value50 60 Hz• operational current rated value50 60 Hz | installation altitude at height above sea level maximum | 2 000 m | | | |
| • during storage -50 +80 °C • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage - • rated value 20 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V • operating frequency rated value 50 60 Hz operational current rated value 50 60 Hz | ambient temperature | | | | |
| • during transport -50 +80 °C relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage - • rated value 20 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V • operating frequency rated value 50 60 Hz operational current rated value 50 A | during operation | -20 +60 °C | | | |
| relative humidity during operation 10 95 % Main circuit 3 number of poles for main current circuit 3 operating voltage | during storage | -50 +80 °C | | | |
| Main circuit 3 number of poles for main current circuit 3 operating voltage 20 690 V • rated value 20 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V • operating frequency rated value 50 60 Hz operational current rated value 5 A | during transport | -50 +80 °C | | | |
| number of poles for main current circuit 3 operating voltage 20 690 V • rated value 20 690 V • at AC-3 rated value maximum 690 V • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 5 A | relative humidity during operation | 10 95 % | | | |
| operating voltage20 690 V• rated value20 690 V• at AC-3 rated value maximum690 V• at AC-3e rated value maximum690 V• operating frequency rated value50 60 Hzoperational current rated value5 A | Main circuit | | | | |
| • rated value20 690 V• at AC-3 rated value maximum690 V• at AC-3e rated value maximum690 V• operating frequency rated value50 60 Hzoperational current rated value5 A | number of poles for main current circuit | 3 | | | |
| | operating voltage | | | | |
| • at AC-3e rated value maximum 690 V operating frequency rated value 50 60 Hz operational current rated value 5 A | rated value | 20 690 V | | | |
| operating frequency rated value 50 60 Hz operational current rated value 5 A | at AC-3 rated value maximum | 690 V | | | |
| operational current rated value 5 A | at AC-3e rated value maximum | 690 V | | | |
| | operating frequency rated value | 50 60 Hz | | | |
| operational current | operational current rated value | 5 A | | | |
| | operational current | | | | |

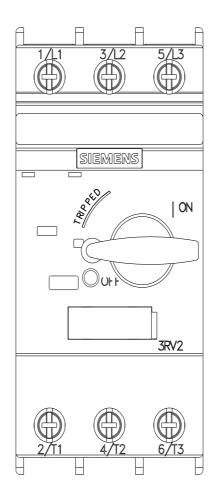
| at AC-3 at 400 V rated value | 5 A |
|--|--|
| at AC-3e at 400 V rated value | 5 A |
| operating power | |
| • at AC-3 | |
| — at 230 V rated value | 1.1 kW |
| — at 400 V rated value | 1.5 kW |
| — at 500 V rated value | 2.2 kW |
| — at 690 V rated value | 4 kW |
| • at AC-3e | |
| — at 230 V rated value | 1.1 kW |
| — at 400 V rated value | 1.5 kW |
| — at 500 V rated value | 2.2 kW |
| — at 690 V rated value | 4 kW |
| operating frequency | |
| • at AC-3 maximum | 15 1/h |
| • at AC-3e maximum | 15 1/h |
| Auxiliary circuit | |
| number of NC contacts for auxiliary contacts | 0 |
| number of NO contacts for auxiliary contacts | 0 |
| number of CO contacts for auxiliary contacts | 0 |
| Protective and monitoring functions | |
| product function | |
| ground fault detection | No |
| phase failure detection | No |
| maximum short-circuit current breaking capacity (Icu) | |
| at AC at 240 V rated value | 100 kA |
| at AC at 400 V rated value | 100 kA |
| at AC at 500 V rated value | 100 kA |
| at AC at 690 V rated value | 6 kA |
| operating short-circuit current breaking capacity (Ics) at AC | |
| at 240 V rated value | 100 kA |
| • at 400 V rated value | 100 kA |
| at 500 V rated value | 100 kA |
| at 690 V rated value | 4 kA |
| response value current of instantaneous short-circuit trip unit | 65 A |
| UL/CSA ratings | |
| full-load current (FLA) for 3-phase AC motor | |
| at 480 V rated value | 5 A |
| | 5 A |
| • at 600 V rated value | 54 |
| yielded mechanical performance [hp] | |
| for single-phase AC motor | 0.47 hz |
| — at 110/120 V rated value | 0.17 hp |
| — at 230 V rated value | 0.5 hp |
| • for 3-phase AC motor | |
| — at 200/208 V rated value | 1 hp |
| — at 220/230 V rated value | 1 hp |
| — at 460/480 V rated value | 3 hp |
| — at 575/600 V rated value | 3 hp |
| Short-circuit protection | |
| product function short circuit protection | Yes |
| design of the short-circuit trip | magnetic |
| design of the fuse link for IT network for short-circuit protection of the main circuit | |
| • | |
| • at 400 V | gL/gG 32 A |
| • at 500 V | gL/gG 32 A |
| • at 690 V | gL/gG 25 A |
| Installation/ mounting/ dimensions | |
| mounting position | any |
| fastening method | screw and snap-on mounting onto 35 mm DIN rail according to DIN EN 60715 |
| height | 97 mm |
| width | 45 mm |

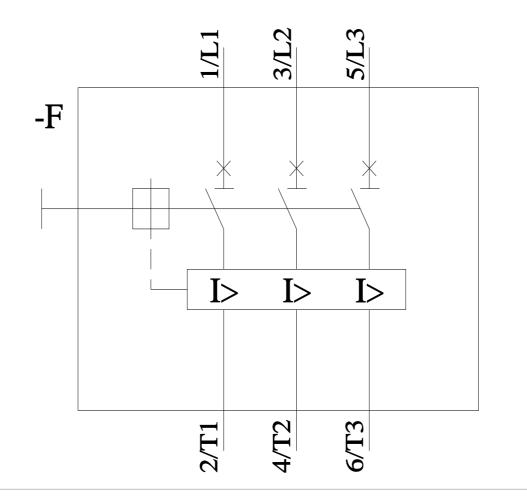
| depth | 97 mm |
|---|---|
| required spacing | |
| with side-by-side mounting at the side | 0 mm |
| for grounded parts at 400 V | |
| — downwards | 30 mm |
| — upwards | 30 mm |
| — at the side | 9 mm |
| for live parts at 400 V | |
| — downwards | 30 mm |
| — upwards | 30 mm |
| — at the side | 9 mm |
| for grounded parts at 500 V | |
| — downwards | 30 mm |
| — upwards | 30 mm |
| — at the side | 9 mm |
| ● for live parts at 500 V | |
| — downwards | 30 mm |
| — upwards | 30 mm |
| — at the side | 9 mm |
| • for grounded parts at 690 V | |
| — downwards | 50 mm |
| — upwards | 50 mm |
| — upwards — backwards | 0 mm |
| — at the side | 30 mm |
| — forwards | 0 mm |
| | Unin |
| • for live parts at 690 V | 50 mm |
| — downwards | 50 mm |
| — upwards | 50 mm |
| — backwards | 0 mm |
| — at the side | 30 mm |
| — forwards | 0 mm |
| Connections/ Terminals | |
| type of electrical connection | |
| for main current circuit | screw-type terminals |
| arrangement of electrical connectors for main current circuit | Top and bottom |
| type of connectable conductor cross-sections | |
| for main contacts | |
| solid or stranded | $2v (0.75 - 0.5 mm^2) 2v 4 mm^2$ |
| — finely stranded with core end processing | $2x (0.75 \dots 2.5 \text{ mm}^2), 2x 4 \text{ mm}^2$ |
| | 2x (0.5 1.5 mm ²), 2x (0.75 2.5 mm ²) |
| for AWG cables for main contacts | 2x (18 14), 2x 12 |
| tightening torque | |
| for main contacts with screw-type terminals | 0.8 1.2 N·m |
| design of screwdriver shaft | Diameter 5 to 6 mm |
| size of the screwdriver tip | Pozidriv size 2 |
| design of the thread of the connection screw | |
| for main contacts | M3 |
| Safety related data | |
| product function suitable for safety function | Yes |
| suitability for use | |
| safety-related switching on | No |
| safety-related switching OFF | Yes |
| service life maximum | 10 a |
| | Yes |
| test wear-related service life necessary | |
| test wear-related service life necessary proportion of dangerous failures | |
| | 40 % |
| proportion of dangerous failures | 40 % 50 % |
| proportion of dangerous failureswith low demand rate according to SN 31920 | |
| proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN | 50 % |
| proportion of dangerous failures with low demand rate according to SN 31920 with high demand rate according to SN 31920 B10 value with high demand rate according to SN 31920 | 50 % 5 000 |

| device type according | | | 3 | | | | |
|---|---|--------------------|----------|----------------------------------|------------------|---|--|
| - | ording to ISO 13849-2 i | iecessary | Yes | | | | |
| IEC 61508 | | | Turne A | | | | |
| safety device type acc | ording to IEC 61508-2 | | Туре А | | | | |
| for proof test interval or service life according to IEC | | 10 a | | | | | |
| 61508 | | Ing to IEC | 10 a | | | | |
| Electrical Safety | | | | | | | |
| protection class IP on | the front according to | IEC 60529 | IP20 | | | | |
| touch protection on th | e front according to IE | C 60529 | finger-s | afe, for vertical contac | t from the front | | |
| Display | | | | | | | |
| display version for swite | ching status | | Handle | | | | |
| Approvals Certificates | | | | | | | |
| General Product App | roval | | | | | | |
| UK CA | | CE EG-Konf. | | <u>Confirmation</u> | | EHC | |
| Test Certificates | | Marine / Shipp | oing | | | | |
| Special Test Certific- ate | <u>Type Test Certific-</u> ates/Test Report | | | | ÅÅ | Llovd's | |
| _ | | ABS | | BUREAU VERITAS | DNV | <u>Kegister</u> us | |
| Marine / Shipping | | other | | | | Railway | |
| PRS | RINA | <u>Miscellaneo</u> | DUS | <u>Confirmation</u> | | <u>Special Test Certific-</u> <u>ate</u> | |
| Railway | Environment | | | | | | |
| <u>Confirmation</u> | EPD | Siemens EcoTech | | Environmental Con- firmations | | | |
| Further information | | | | | | | |
| Information on the pa | | | | | | | |
| https://support.industry.siemens.com/cs/ww/en/view/109813875 | | | | | | | |
| Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10 | | | | | | | |
| Industry Mall (Online ordering system) | | | | | | | |
| https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RV2311-1FC10 Cax online generator | | | | | | | |
| http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RV2311-1FC10 | | | | | | | |
| Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/ww/en/ps/3RV2311-1FC10 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RV2311-1FC10⟨=en Characteristic: Tripping characteristics, I ² t, Let-through current https://support.industry.siemens.com/cs/ww/en/ps/3RV2311-1FC10/char | | | | | | | |
| | | | | | | | |
| http://www.automation.s | Further characteristics (e.g. electrical endurance, switching frequency) http://www.automation.siemens.com/bilddb/index.aspx?view=Search&mlfb=3RV2311-1FC10&objecttype=14&gridview=view1 | | | | | | |









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