SIEMENS

Data sheet

3SU1100-5BF11-3FA0-Z X90



key-operated switch Siemens, 22 mm, round, plastic, lock number SSG10, with 2 keys, 2 switch positions O-I, latching, 10:30h/13:30h, key removal O+I, with holder, 1 NO+1 NC, spring-loaded terminal, Z=20-unit packaging

| product designation Key-operated switches design of the product predesignation 3SU1 product type designation 3SU1 product type designation 3SU1 product type designation 3SU1 of Included key 3SU1400-1AA10-3FA0 • of supplied contact module 3SU1400-1AA10-3FA0 • of the supplied contact module at position 1 3SU1400-1AA10-3FA0 • of the supplied contact module at position 1 3SU1400-1AA10-3FA0 • of the supplied contact module at position 1 3SU1400-1AA10-3FA0 • of the supplied contact module at position 1 3SU1400-1AA10-3FA0 • of the supplied contact module at position 1 3SU1400-1AA10-3FA0 • of the supplied contact module at position 1 3SU1400-1AA10-3FA0 • of the supplied contact module at position 1 3SU1400-1AA10-3FA0 • of the supplied contact module at position 1 SUID00-5BF11-0A0 Enclosure 5 SUID00-5BF11-0A0 principle of operation of the actuating element Iatching, 90° (10:30 h/13:30 h) product extension optional light source No color of the actuating element Silser subse of the actuating ele | | |
|---|--|---------------------------------|
| design of the product Complete unit product type designation 35U1 product line Plastic, black, 22 mm manufacturer's article number SU11950-0FE80-00A0 • of supplied contact module SU11950-0FE80-00A0 • of supplied contact module at position 1 SU11900-1AA10-3FA0 • of supplied contact module at position 1 SU11000-1AA10-3FA0 • of the supplied actuator SU11000-5BF11-0AA0 Enclosure Form e of the enclosure front round number of command points 1 Actuator SU1000-5BF11-0AA0 principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) principle of operation of the actuating element slaver material of the actuating element slaver material of the actuating element slaver number of contact modules 1 number of switching positions 2 switch position for key distraction 0ril actuating angle CES • clockwise 90° lock make CES key number Standard product function positive openin | product brand name | SIRIUS ACT |
| product type designation 3SU1 product line Plastic, black, 22 mm manufacturer's article number 3SU1950-0FP80-0AA0 • of included key 3SU1950-0FP80-0AA0 • of supplied contact module 3SU1400-1AA10-3FA0 • of the supplied contact module at position 1 3SU1400-1AA10-3FA0 • of the supplied actuator 3SU1000-5BF11-0AA0 Enclosure SU1550-0AA10-0AA0 shape of the enclosure front round number of command points 1 Actuator principle of operation of the actuating element principle of operation of the actuating element silver material of the actuating element silver material of the actuating element Key outer diameter of the actuating element 29.5 mm number of contact modules 1 number of switching positions 2 switch position f | product designation | Key-operated switches |
| product line Plastic, black, 22 mm manufacturer's article number 35U1950-0FP30-0AA0 • of included key 3SU1950-0FP30-0AA0 • of supplied contact module at position 1 3SU1400-1AA10-3FA0 • of the supplied contact module at position 1 3SU1500-0AA10-0AA0 • of the supplied contact module at position 1 3SU1500-0AA10-0AA0 • of the supplied cutator 3SU1500-0AA10-0AA0 Enclosure sSU1000-SBF11-0AA0 find enclosure front round number of command points 1 Actuator principle of operation of the actuating element product extension optional light source No color of the actuating element metal shape of the actuating element metal shape of the actuating element 29.5 mm number of contact modules 1 number of switching positions 2 switch position for key distraction 0+1 actuating angle 0° • clockwise 90° • clockwise 90° • clockwise 90° • clockwise 0 <th>design of the product</th> <th>Complete unit</th> | design of the product | Complete unit |
| manufacturer's article number 3SU1950-0FP80-0AA0 • of supplied contact module 3SU1400-1AA10-3FA0 • of supplied contact module at position 1 3SU1400-1AA10-3FA0 • of the supplied holder 3SU1400-1AA10-3FA0 • of the supplied contact module at position 1 3SU1400-1AA10-3FA0 • of the supplied actuator 3SU1000-5BF11-0AA0 Enclosure shape of the enclosure front round number of command points 1 Actuator principle of operation of the actuating element fatching, 90° (10:30 h/13:30 h) product extension optional light source No color of the actuating element metal shape of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 1 number of contact modules 1 number of switching positions 2 switch position for key distraction 0+1 actuating angle 00° e olockwise 90° lock make CES key number Standard product component front ring pl | product type designation | 3SU1 |
| • of included key3SU1950-0FP80-0AAQ• of supplied contact module3SU1400-1AA10-3FAQ• of supplied contact module at position 13SU1400-1AA10-3FAQ• of the supplied holder3SU1500-AAQ• of the supplied actuator3SU1000-5BF11-0AAQEnclosureshape of the enclosure frontroundnumber of command points1Actuatorprinciple of operation of the actuating elementprinciple of operation of the actuating elementlatching, 90° (10:30 h/13:30 h)product extension optional light sourceNocolor of the actuating elementmaterial of the actuating elementshape of the actuating elementmetalshape of the actuating elementIs actuating elementNocolor of the actuating elementshape of the actuating elementKeyouter diameter of the actuating elementKeyouter diameter of the actuating element2switch position for key distraction0+1actuating angle-• clockwise90°lock makeCESkey numberSGG10Front ringproduct component front ringplastic2color of the front ringSlandardmaterial of the holderPlasticGeneral technical dataproduct tomponent front ring <th>product line</th> <th>Plastic, black, 22 mm</th> | product line | Plastic, black, 22 mm |
| of supplied contact module SSU1400-1AA10-3FA0 SU1400-1AA10-3FA0 SU1400-1AA10-3FA0 SU150-0AA10-0AA0 SU150-0AA10-0AA0 SU1500-0BE11-0AA0 SU1500-0BE11-0AA0 SU1500-0BE11-0AA0 Sure of the enclosure front round number of command points 1 Actuator principle of operation of the actuating element principle of operation of the actuating element silver material of the actuating element retal shape of the actuating element retal shape of the actuating element retal shape of the actuating element retal shape of the actuating element retal shape of the actuating element retal shape of the actuating element retal shape of the actuating element retal shape retal shape retal shapend retal shapend retal shapend | manufacturer's article number | |
| of supplied contact module at position 1 SSU1400-1AA10-3FA0 3SU1550-0AA10-0AA0 3SU1550-0AA10-0AA0 3SU1000-5BF11-0AA0 SSU1000-5BF11-0AA0 source front round number of command points 1 Actuator principle of operation of the actuating element silver material of the actuating element source 90° lock make cES key number sSU1000-5BF1-0A0 sSU1000-5BF11-0AA0 source number of command points 1 Actuator principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product extension optional light source No color of the actuating element silver material of the actuating element ves source 0x1 subset of the actuating element ves source 0x1 subset of the actuating element silver user of contact modules 1 number of contact modules 1 number of solicon ves source solicon ves fort ring product component front ring plastic color of the front r | of included key | <u>3SU1950-0FP80-0AA0</u> |
| • of the supplied holder 3SU1550-0AA10-0AA0 • of the supplied actuator 3SU1000-5BF11-0AA0 Enclosure round shape of the enclosure front round number of command points 1 Actuator principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) principle of operation of the actuating element silver material of the actuating element metal shape of the actuating element metal shape of the actuating element key outer diameter of the actuating element key number of contact modules 1 number of switching positions 2 switch position for key distraction O+1 actuating angle 90° • clockwise 90° • lock make CES key number SSG10 Front ring Yes design of the front ring Standard material of the foolder Diask color of the front ring Diask folder material of the holder product component front ring Diask Holder | of supplied contact module | <u>3SU1400-1AA10-3FA0</u> |
| • of the supplied actuator 3SU1000-5BF11-0AA0 Enclosure round shape of the enclosure front round number of command points 1 Actuator Iatching, 90° (10:30 h/13:30 h) principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) principle of the actuating element silver material of the actuating element metal shape of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 29.5 mm number of switching positions 2 switch position for key distraction O+I actuating angle 90° • clockwise 90° • clockwise 90° Iock make CES key number Standard material of the front ring Yes design of the front ring plastic color of the front ring black Holder Plastic General technical data product function positive opening <tr< th=""><th> of supplied contact module at position 1 </th><th><u>3SU1400-1AA10-3FA0</u></th></tr<> | of supplied contact module at position 1 | <u>3SU1400-1AA10-3FA0</u> |
| Enclosure shape of the enclosure front round number of command points 1 Actuator | of the supplied holder | <u>3SU1550-0AA10-0AA0</u> |
| shape of the enclosure front round number of command points 1 Actuator | of the supplied actuator | <u>3SU1000-5BF11-0AA0</u> |
| number of command points 1 Actuator | Enclosure | |
| Actuator principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product extension optional light source No color of the actuating element silver material of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 29.5 mm number of contact modules 1 number of switching positions 2 switch position for key distraction 0+I actuating angle 0° olock make CES key number SSG10 Front ring Yes product component front ring Ves design of the front ring plastic color of the front ring plastic tolder material of the holder product function positive opening Yes product function positive opening Yes product component light source No | shape of the enclosure front | round |
| principle of operation of the actuating element latching, 90° (10:30 h/13:30 h) product extension optional light source No color of the actuating element silver material of the actuating element metal shape of the actuating element 29.5 mm outer diameter of the actuating element 29.5 mm number of contact modules 1 number of switching positions 2 switch position for key distraction 0+1 actuating angle 00° e clockwise 90° lock make CES key number SSG10 Front ring Yes plack plastic color of the front ring plastic black Plastic color of the front ring plastic product function positive opening Yes product function positive opening Yes | number of command points | 1 |
| product extension optional light source No color of the actuating element silver material of the actuating element metal shape of the actuating element Key outer diameter of the actuating element 29.5 mm number of contact modules 1 number of switching positions 2 switch position for key distraction O+I actuating angle 00° e clockwise 90° lock make CES key number SSG10 Front ring Yes product component front ring Yes design of the front ring plastic color of the front ring black Holder Plastic general technical data product function positive opening product function positive opening Yes product component light source No | Actuator | |
| color of the actuating element silver material of the actuating element metal shape of the actuating element 29.5 mm number of contact modules 1 number of switching positions 2 switch position for key distraction 0+1 actuating angle 90° e clockwise 90° lock make CES key number SSG10 Front ring Yes product component front ring Yes design of the front ring plastic color of the holder Plastic General technical data Plastic product component light source No | principle of operation of the actuating element | latching, 90° (10:30 h/13:30 h) |
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| shape of the actuating element Key outer diameter of the actuating element 29.5 mm number of contact modules 1 number of switching positions 2 switch position for key distraction O+I actuating angle | color of the actuating element | silver |
| outer diameter of the actuating element 29.5 mm number of contact modules 1 number of switching positions 2 switch position for key distraction 0+1 actuating angle 90° • clockwise 90° lock make CES key number SSG10 Front ring Yes product component front ring Yes design of the front ring plastic color of the front ring black Holder Plastic General technical data Plastic product function positive opening Yes product component light source No | material of the actuating element | metal |
| number of contact modules 1 number of switching positions 2 switch position for key distraction 0+I actuating angle 90° • clockwise 90° lock make CES key number SSG10 Front ring Yes product component front ring Yes design of the front ring Standard material of the front ring black Holder Plastic general technical data Plastic product function positive opening Yes product function positive opening Yes product component light source No | shape of the actuating element | Key |
| number of switching positions2switch position for key distractionO+Iactuating angle90°• clockwise90°lock makeCESkey numberSSG10Front ringYesproduct component front ringYesdesign of the front ringplasticcolor of the front ringblackHolderHoldermaterial of the holderPlasticgroduct function positive openingYesproduct function positive openingYesproduct component light sourceNo | outer diameter of the actuating element | 29.5 mm |
| switch position for key distraction O+I actuating angle 90° • clockwise 90° lock make CES key number SSG10 Front ring Yes gesign of the front ring Yes design of the front ring Standard material of the front ring black Holder Plastic General technical data Plastic product function positive opening Yes product function positive opening Yes product component light source No | number of contact modules | 1 |
| actuating angle 90° • clockwise 90° lock make CES key number SSG10 Front ring Yes product component front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring black Holder Plastic general technical data Plastic product function positive opening Yes product function positive opening Yes product component light source No | number of switching positions | 2 |
| • clockwise90°lock makeCESkey numberSSG10Front ringYesproduct component front ringYesdesign of the front ringStandardmaterial of the front ringplasticcolor of the front ringblackHolderPlasticGeneral technical dataYesproduct function positive openingYesproduct function positive openingYesproduct component light sourceNo | switch position for key distraction | O+I |
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| key number SSG10 Front ring Yes product component front ring Standard design of the front ring Standard material of the front ring plastic color of the front ring black Holder Plastic material of the holder Plastic general technical data Yes product function positive opening Yes product component light source No | clockwise | 90° |
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| material of the front ring plastic color of the front ring black Holder Plastic material of the holder Plastic General technical data Plastic product function positive opening Yes product component light source No | product component front ring | Yes |
| color of the front ring black Holder material of the holder Plastic General technical data product function positive opening Yes product component light source No | design of the front ring | Standard |
| Holder Plastic General technical data Plastic product function positive opening Yes product component light source No | material of the front ring | plastic |
| material of the holder Plastic General technical data Yes product function positive opening Yes product component light source No | color of the front ring | black |
| General technical data product function positive opening Yes product component light source No | Holder | |
| product function positive opening Yes product component light source No | material of the holder | Plastic |
| product component light source No | General technical data | |
| product component light source No | product function positive opening | Yes |
| insulation voltage rated value 500 V | | No |
| | insulation voltage rated value | 500 V |

| degree of pollution | 3 |
|---|--|
| degree of pollution | 3 AC/DC |
| type of voltage of the operating voltage | 6 kV |
| surge voltage resistance rated value | |
| protection class IP | IP66, IP67, IP69(IP69K) |
| • of the terminal | |
| degree of protection NEMA rating | 1, 2, 3, 3R, 4, 4X, 12, 13 |
| shock resistance | · · · · · · · · · · · · · · · · · · · |
| according to IEC 60068-2-27 | sinusoidal half-wave 15g / 11 ms |
| for railway applications according to EN 61373 | Category 1, Class B |
| vibration resistance | 10 500 11 5 |
| according to IEC 60068-2-6 | 10 500 Hz: 5g |
| for railway applications according to EN 61373 | Category 1, Class B |
| operating frequency maximum | 1 800 1/h |
| mechanical service life (switching cycles) typical | 1 000 000 |
| electrical endurance (switching cycles) typical | 10 000 000 |
| thermal current | 10 A |
| reference code according to IEC 81346-2 | S |
| continuous current of the C characteristic MCB | 10 A; for a short-circuit current smaller than 400 A |
| continuous current of the quick DIAZED fuse link | 10 A |
| continuous current of the DIAZED fuse link gG | 10 A |
| Substance Prohibitance (Date) | 10/01/2014 |
| operating voltage | |
| rated value | 5 500 V |
| • at AC | |
| — at 50 Hz rated value | 5 500 V |
| — at 60 Hz rated value | 5 500 V |
| at DC rated value | 5 500 V |
| Power Electronics | |
| contact reliability | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V 1 mA) |
| | million (5 V, 1 mA) |
| | |
| Auxiliary circuit | |
| design of the contact of auxiliary contacts | Silver alloy |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts | 1 |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts | |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals | 1 |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection | 1 |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories | 1 |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections | 1 1 Spring-type terminal |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • at AWG cables tightening torque of the screws in the bracket Safety related data | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • at AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high 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 | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N⋅m 100 000 20 % 20 % |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 • with high demand rate according to SN 31920 | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with how demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 100 FIT |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 100 FIT -25 +70 °C |
| design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 during operation • during operation • during storage | 1 1 Spring-type terminal 2x (0.25 1.5 mm ²) 2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) 1 1.2 N·m 100 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C |
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| width | 30 mm |
|---|---------|
| shape of the installation opening | round |
| mounting diameter | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm |
| mounting height | 61 mm |
| installation width | 29.5 mm |
| installation depth | 71.7 mm |
| Certificates/ approvals | |
| Further information | |

-urther information

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=3SU1100-5BF11-3FA0-Z X90

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-5BF11-3FA0-Z X90

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-5BF11-3FA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-5BF11-3FA0-Z X90&lang=en

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