SIEMENS

Data sheet

3SU1100-0AB60-3FA0-Z Y12



Pushbutton, 22 mm, round, plastic, white, pushbutton, flat, momentary contact type, with holder 1 NO+1 NC, spring-type terminal, with laser labeling, lower case

| product brand name | SIRIUS ACT |
|--|---|
| product brand name | |
| product designation | Pushbuttons |
| design of the product | Complete unit |
| product type designation | 3SU1 |
| product line | Plastic, black, 22 mm |
| manufacturer's article number | |
| of supplied contact module at position 1 | <u>3SU1400-1AA10-3FA0</u> |
| of the supplied holder | <u>3SU1550-0AA10-0AA0</u> |
| of the supplied actuator | <u>3SU1000-0AB60-0AA0</u> |
| number of command points | 1 |
| Actuator | |
| design of the actuating element | Button, flat |
| principle of operation of the actuating element | momentary contact type |
| product extension optional light source | No |
| color of the actuating element | white |
| material of the actuating element | plastic |
| shape of the actuating element | round |
| outer diameter of the actuating element | 29.45 mm |
| marking of the actuating element | Customized labeling, text in lower case letters |
| number of contact modules | 1 |
| Front ring | |
| product component front ring | Yes |
| design of the front ring | Standard |
| material of the front ring | plastic |
| color of the front ring | black |
| Holder | |
| material of the holder | Plastic |
| Display | |
| number of LED modules | 0 |
| General technical data | |
| product function positive opening | Yes |
| product component light source | No |
| insulation voltage rated value | 500 V |
| degree of pollution | 3 |
| type of voltage of the operating voltage | AC/DC |
| surge voltage resistance rated value | 6 kV |
| protection class IP | IP66, IP67, IP69(IP69K) |
| of the terminal | IP20 |
| 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 | |
| according to IEC 60068-2-6 | 10 500 Hz: 5g |
| for railway applications according to EN 61373 | Category 1, Class B |
| operating frequency maximum | 3 600 1/h |
| mechanical service life (switching cycles) typical | 10 000 000 |
| 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 | |
| • 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 5 500 V |
| | 0 000 V |
| Power Electronics | |
| contact reliability | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) |
| Auxiliary circuit | |
| | Silver allow |
| design of the contact of auxiliary contacts | Silver alloy |
| number of NC contacts for auxiliary contacts | 1 |
| number of NO contacts for auxiliary contacts | 1 |
| Connections/ Terminals | |
| type of electrical connection | spring-loaded terminals |
| of modules and accessories | Spring-type terminal |
| type of connectable conductor cross-sections | |
| solid without core end processing | 2x (0.25 1.5 mm²) |
| finely stranded with core end processing | 2x (0.25 0.75 mm²) |
| finely stranded without core end processing | 2x (0.25 1.5 mm²) |
| at AWG cables | 2x (24 16) |
| tightening torque of the screws in the bracket | 1 1.2 N·m |
| Ambient conditions | |
| ambient temperature | |
| during operation | -25 +70 °C |
| during storage | -40 +80 °C |
| environmental category during operation according to IEC | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no |
| 60721 | condensation in operation permitted for all devices behind front panel) |
| Installation/ mounting/ dimensions | |
| fastening method | front plate mounting |
| of modules and accessories | Front plate mounting |
| height | 40 mm |
| width | 30 mm |
| shape of the installation opening | round |
| mounting diameter | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm |
| mounting height | 11 mm |
| installation width | 29.5 mm |
| installation depth | 71.7 mm |
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| Certificates/ approvals | |
| Further 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=3SU1100-0AB60-3FA0-Z Y12 | |
| Cax online generator | |
| http://support.automation.siemens.com/WW/CAXorder/defau | It.aspx?lang=en&mlfb=3SU1100-0AB60-3FA0-Z Y12 |
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB60-3FA0-Z Y12 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-0AB60-3FA0-Z Y12&lang=en

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