# SIEMENS

Enclosure for command devices, 22 mm, round, Enclosure material metal, enclosure top part gray, 3 control points metal, C=Pushbutton black,Label: II, 1 NO, screw terminal, B=pushbutton black,Label I, 1 NO, screw terminal, A=Pushbutton red, label: O, 1 NC, screw terminal, floor mounting, 1xM20 each on top and bottom, Labels enclosed

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|---|---|
| **product brand name** | SIRIUS ACT |
| **product designation** | Enclosures |
| **product type designation** | 3SU1 |
| **equipment of commanding and signaling device** | A = Pushbutton / B = Pushbutton / C = Pushbutton |
| **manufacturer's article number** | |
| ● of supplied contact module | A1 = 3SU1400-2AA10-1CA0 / B2 = 3SU1400-2AA10-1BA0 / C2 = 3SU1400-2AA10-1BA0 |
| ● of supplied contact module at the command point A 1 | 3SU1400-2AA10-1CA0 |
| ● of supplied contact module at the command point B 2 | 3SU1400-2AA10-1BA0 |
| ● of supplied contact module at the command point C 2 | 3SU1400-2AA10-1BA0 |
| ● of the supplied holder | A = 3SU1550-0AA10-0AA0, B =3SU1550-0AA10-0AA0, C = 3SU1550-0AA10-0AA0 |
| ● of the supplied holder at the command point A | 3SU1550-0AA10-0AA0 |
| ● of the supplied holder at the command point B | 3SU1550-0AA10-0AA0 |
| ● of the supplied holder at the command point C | 3SU1550-0AA10-0AA0 |
| ● of the supplied actuator | A = 3SU1050-0AB20-0AA0 / B = 3SU1050-0AB10-0AA0 / C = 3SU1050-0AB10-0AA0 |
| ● of the supplied actuator at the command point A | 3SU1050-0AB20-0AA0 |
| ● of the supplied actuator at the command point B | 3SU1050-0AB10-0AA0 |
| ● of the supplied actuator at the command point C | 3SU1050-0AB10-0AA0 |
| ● of supplied empty enclosure | 3SU1853-0AA00-0AB1 |
| ● of supplied accessory | A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU1900-0AF16-0QC0 |
| ● of the supplied accessories at the command point A | 3SU1900-0AF16-0QA0 |
| ● of the supplied accessories at the command point B | 3SU1900-0AF16-0QB0 |
| ● of the supplied accessories at the command point C | 3SU1900-0AF16-0QC0 |
| **Enclosure** | |
| **design of the housing** | with recess for label |
| **shape of the enclosure front** | rectangular |
| **material of the enclosure** | metal |
| **number of command points** | 3 |
| **product component** | |
| ● EMERGENCY STOP device | No |
| ● protective collar | No |
| color of the enclosure top part | grey |
| **delivery state** | |
| ● as a kit | No |
| ● pre-wired on strip terminal | No |

                                        7/9/2022

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|---|---|
| fastening method of the enclosure | Vertical |
| **Actuator** | |
| **design of the actuating element** | Pushbutton / pushbutton / pushbutton |
| suitability for use EMERGENCY OFF switch | No |
| product feature lockout | No |
| product extension optional light source | No |
| color of the actuating element | A = red / B = black / C = black |
| **material of the actuating element** | metal |
| **shape of the actuating element** | round |
| **number of contact modules** | 3 |
| **type of unlocking device** | A = none / B = none / C = none |
| **Front ring** | |
| **product component front ring** | Yes |
| **design of the front ring** | Standard |
| **material of the front ring** | Metal, high gloss |
| **color of the front ring** | silver |
| **Holder** | |
| **material of the holder** | Plastic |
| **Display** | |
| **number of LED modules** | 0 |
| **General technical data** | |
| **product function** | |
| ● positive opening | Yes |
| ● EMERGENCY OFF function | No |
| ● EMERGENCY STOP function | No |
| **protection class IP** | IP66, IP67, IP69(IP69K) |
| **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 |
| **vibration resistance** | |
| ● according to IEC 60068-2-6 | 10 ... 500 Hz: 5g |
| **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 |
| **Communication/ Protocol** | |
| design of the interface for communication | without |
| **Auxiliary circuit** | |
| **design of the contact of auxiliary contacts** | Silver alloy |
| **number of NC contacts for auxiliary contacts** | 1 |
| **number of NO contacts for auxiliary contacts** | 2 |
| **Connections/ Terminals** | |
| type of electrical connection of modules and accessories | Screw-type terminal |
| **type of electrical connection on enclosure** | Cable routing above and below, both 1 x M20 |
| **tightening torque of the screws in the bracket** | 1 ... 1.2 N·m |
| **tightening torque of fixing screws in the enclosure cover** | 1.5 ... 1.7 N·m |
| tightening torque with screw-type terminals | 0.8 ... 0.9 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 of modules and accessories | Floor mounting |
| **height** | 158.4 mm |
| **width** | 85 mm |
| **depth** | 75 mm |
| **shape of the installation opening** | round |
| **Accessories** | |
| **number of labels** | 3 |
| **marking of the name plate for command devices** | A = O / B = I / C = II |
| **color of the label** | A = black / B = black / C = black |
| **number of inscription plates** | 0 |

## Certificates/ approvals

### General Product Approval



Confirmation

| Declaration of Conformity | Test Certificates | Marine / Shipping |
|---|---|---|
|  | Type Test Certific-ates/Test Report    Special Test Certific-ate |  |

| Marine / Shipping | other |
|---|---|
|  | Environmental Con-firmations    Confirmation |

## 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=3SU1853-0AD00-2AB1
**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1853-0AD00-2AB1
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SU1853-0AD00-2AB1
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1853-0AD00-2AB1&lang=en

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