



Enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part gray, 2 control points plastic, B=Pushbutton green, 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

|   |  |
|---|--|
| <b>product brand name</b>                           | SIRIUS ACT   |
| <b>product designation</b>                          | Enclosures   |
| <b>product type designation</b>                     | 3SU1   |
| <b>equipment of commanding and signaling device</b> | A = Pushbutton / B = Pushbutton  |
| <b>manufacturer's article number</b>                | <ul style="list-style-type: none"> <li>• of supplied contact module</li> <li>• of supplied contact module at the command point A 1</li> <li>• of supplied contact module at the command point B 2</li> <li>• of the supplied holder</li> <li>• of the supplied holder at the command point A</li> <li>• of the supplied holder at the command point B</li> <li>• of the supplied actuator</li> <li>• of the supplied actuator at the command point A</li> <li>• of the supplied actuator at the command point B</li> <li>• of supplied empty enclosure</li> <li>• of supplied accessory</li> <li>• of the supplied accessories at the command point A</li> <li>• of the supplied accessories at the command point B</li> </ul> |
| <b>Enclosure</b>                                    |  |
| <b>design of the housing</b>                        | with recess for label  |
| <b>shape of the enclosure front</b>                 | rectangular  |
| <b>material of the enclosure</b>                    | plastic  |
| <b>number of command points</b>                     | 2  |
| <b>product component</b>                            |  |
| • EMERGENCY STOP device                             | No   |
| • protective collar                                 | No   |
| <b>color of the enclosure top part</b>              | grey   |
| <b>delivery state</b>                               |  |
| • as a kit  | No   |
| • pre-wired on strip terminal                       | No   |
| <b>fastening method of the enclosure</b>            | Vertical   |
| <b>Actuator</b>                                     |  |
| <b>design of the actuating element</b>              | Pushbutton / pushbutton  |
| suitability for use EMERGENCY OFF switch            | No   |
| product feature lockout                             | No   |
| product extension optional light source             | No   |
| <b>color of the actuating element</b>               | A = red / B = green  |
| <b>material of the actuating element</b>            | plastic  |

|  |   |
|--|---|
| shape of the actuating element                                 | round   |
| number of contact modules                                      | 2   |
| type of unlocking device                                       | A = none / B = none   |
| <b>Front ring</b>  |   |
| product component front ring                                   | Yes   |
| design of the front ring                                       | Standard  |
| material of the front ring                                     | plastic   |
| color of the front ring  | black   |
| <b>Holder</b>  |   |
| material of the holder   | Plastic   |
| <b>Display</b>   |   |
| number of LED modules  | 0   |
| <b>General technical data</b>                                  |   |
| <b>product function</b>  |   |
| • positive opening   | Yes   |
| • EMERGENCY OFF function                                       | No  |
| • EMERGENCY STOP function                                      | No  |
| <b>protection class IP</b>                                     | IP66, IP67, IP69(IP69K)   |
| <b>degree of protection NEMA rating</b>                        | 1, 2, 3, 3R, 4, 4X, 12K, 13   |
| <b>shock resistance</b>  |   |
| • according to IEC 60068-2-27                                  | sinusoidal half-wave 15g / 11 ms  |
| • for railway applications according to EN 61373               | Category 1, Class B   |
| <b>vibration resistance</b>                                    |   |
| • according to IEC 60068-2-6                                   | 10 ... 500 Hz: 5g   |
| • for railway applications according to EN 61373               | Category 1, Class B   |
| <b>reference code according to IEC 81346-2</b>                 | S   |
| <b>continuous current of the C characteristic MCB</b>          | 10 A; for a short-circuit current smaller than 400 A  |
| <b>continuous current of the quick DIAZED fuse link</b>        | 10 A  |
| <b>continuous current of the DIAZED fuse link gG</b>           | 10 A  |
| <b>Substance Prohibitance (Date)</b>                           | 10/01/2014  |
| <b>operating voltage</b>                                       |   |
| • 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   |
| <b>Communication/ Protocol</b>                                 |   |
| design of the interface for communication                      | without   |
| <b>Auxiliary circuit</b>                                       |   |
| 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   |
| <b>Connections/ Terminals</b>                                  |   |
| 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   |
| <b>Ambient conditions</b>                                      |   |
| <b>ambient temperature</b>                                     |   |
| • during operation   | -25 ... +70 °C  |
| • during storage   | -40 ... +80 °C  |
| environmental category during operation according to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted for all devices behind front panel) |
| <b>Installation/ mounting/ dimensions</b>                      |   |
| fastening method of modules and accessories                    | Floor mounting  |
| height   | 114 mm  |
| width  | 85 mm   |
| depth  | 75 mm   |

|   |                       |
|---|-----------------------|
| shape of the installation opening             | round                 |
| <b>Accessories</b>                            |                       |
| number of labels                              | 2                     |
| marking of the name plate for command devices | A = O / B = I         |
| color of the label                            | A = black / B = black |
| number of inscription plates                  | 0                     |

**Certificates/ approvals**

**General Product Approval**



[Confirmation](#)



|                                  |                          |                          |
|----------------------------------|--------------------------|--------------------------|
| <b>Declaration of Conformity</b> | <b>Test Certificates</b> | <b>Marine / Shipping</b> |
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EG-Konf.

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



ABS



LRS

|                          |              |
|--------------------------|--------------|
| <b>Marine / Shipping</b> | <b>other</b> |
|--------------------------|--------------|



PRS



RINA



RMRS

[Environmental Confirmations](#)

[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=3SU1802-0AB00-2AB1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1802-0AB00-2AB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0AB00-2AB1>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1802-0AB00-2AB1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0AB00-2AB1&lang=en)

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