



Enclosure for command devices, 22 mm, round, Enclosure material metal, enclosure top part gray, 1 control point metal, A=Pushbutton green, 1 NO, screw terminal, floor mounting, label: I, 1xM20 each on top and bottom, Label enclosed

|   |   |
|---|---|
| <b>product brand name</b>   | SIRIUS ACT  |
| <b>product designation</b>  | Enclosures  |
| <b>product type designation</b>   | 3SU1  |
| <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</li> <li>• of the supplied holder</li> <li>• of the supplied holder at the command point A</li> <li>• of the supplied actuator</li> <li>• of the supplied actuator at the command point A</li> <li>• of supplied empty enclosure</li> <li>• of supplied accessory</li> <li>• of the supplied accessories at the command point A</li> </ul> | A2 = 3SU1400-2AA10-1BA0<br>3SU1400-2AA10-1BA0<br><br>A = 3SU1550-0AA10-0AA0<br>3SU1550-0AA10-0AA0<br>3SU1050-0AB40-0AA0<br>3SU1050-0AB40-0AA0<br>3SU1851-0AA00-0AB1<br>A = 3SU1900-0AF16-0QB0<br>3SU1900-0AF16-0QB0 |
| <b>Enclosure</b>  |   |
| <b>design of the housing</b>  | with recess for label   |
| <b>shape of the enclosure front</b>   | Square  |
| <b>material of the enclosure</b>  | metal   |
| <b>number of command points</b>   | 1   |
| <b>product component</b>  |   |
| <ul style="list-style-type: none"> <li>• EMERGENCY STOP device</li> <li>• protective collar</li> </ul>  | No<br>No  |
| <b>color of the enclosure top part</b>  | grey  |
| <b>delivery state</b>   |   |
| <ul style="list-style-type: none"> <li>• as a kit</li> <li>• pre-wired on strip terminal</li> </ul>   | No<br>No  |
| <b>fastening method of the enclosure</b>  | Vertical  |
| <b>Actuator</b>   |   |
| <b>design of the actuating element</b>  | 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>   | green   |
| <b>material of the actuating element</b>  | plastic   |
| <b>shape of the actuating element</b>   | round   |
| <b>number of contact modules</b>  | 1   |
| <b>Front ring</b>   |   |
| <b>product component front ring</b>   | Yes   |

|  |  |
|--|--|
| <b>design of the front ring</b>                                  | Standard   |
| <b>material of the front ring</b>                                | Metal, high gloss  |
| <b>color of the front ring</b>                                   | silver   |
| <b>Holder</b>  |  |
| <b>material of the holder</b>                                    | Metal  |
| <b>Display</b>   |  |
| <b>number of LED modules</b>                                     | 0  |
| <b>General technical data</b>                                    |  |
| <b>product function</b>  |  |
| • positive opening   | No   |
| • 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, 12, 13   |
| <b>shock resistance</b>  |  |
| • acc. to IEC 60068-2-27   | Sinusoidal half-wave 50g / 11 ms   |
| • for railway applications acc. to DIN EN 61373                  | Category 1, Class B  |
| <b>vibration resistance</b>                                      |  |
| • acc. to IEC 60068-2-6  | 10 ... 500 Hz: 5g  |
| • for railway applications acc. to DIN EN 61373                  | Category 1, Class B  |
| <b>reference code acc. 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   |
| • operating voltage at AC  |  |
| — at 50 Hz rated value   | 5 ... 500 V  |
| — at 60 Hz rated value   | 5 ... 500 V  |
| • operating voltage at DC rated value                            | 5 ... 500 V  |
| <b>Communication/ Protocol</b>                                   |  |
| design of the interface for communication                        | without  |
| <b>Auxiliary circuit</b>   |  |
| <b>design of the contact of auxiliary contacts</b>               | Silver alloy   |
| <b>number of NC contacts for auxiliary contacts</b>              | 0  |
| <b>number of NO contacts for auxiliary contacts</b>              | 1  |
| <b>Connections/ Terminals</b>                                    |  |
| type of electrical connection of modules and accessories         | Screw-type terminal  |
| <b>type of electrical connection on enclosure</b>                | Cable routing above and below, both 1 x M20  |
| <b>tightening torque of the screws in the bracket</b>            | 1 ... 1.2 N·m  |
| <b>tightening torque of fixing screws in the enclosure cover</b> | 1.5 ... 1.7 N·m  |
| • tightening torque with screw-type terminals                    | 0.8 ... 0.9 N·m  |
| <b>Ambient conditions</b>  |  |
| • ambient temperature during operation                           | -25 ... +70 °C   |
| • ambient temperature during storage                             | -40 ... +80 °C   |
| environmental category during operation acc. 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   |
| <b>height</b>  | 89.4 mm  |
| <b>width</b>   | 85 mm  |
| <b>depth</b>   | 75 mm  |
| <b>shape of the installation opening</b>                         | round  |
| <b>Accessories</b>   |  |
| <b>number of labels</b>  | 1  |
| <b>marking of the name plate for command devices</b>             | A = I  |
| <b>color of the label</b>  | A = black  |
| <b>number of inscription plates</b>                              | 0  |

## Certificates/ approvals

### General Product Approval



### Declaration of Conformity



EG-Konf.

[Miscellaneous](#)

[Miscellaneous](#)



EG-Konf.

### Test Certificates

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

### Marine / Shipping



ABS



LRS



PRS



RINA



RMRS

### other

[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=3SU1851-0AB00-2AB1>

Cax online generator

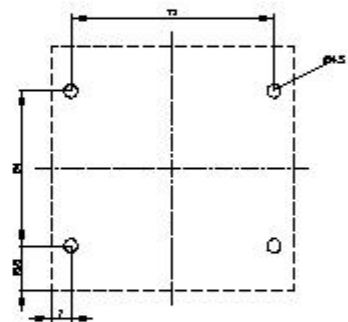
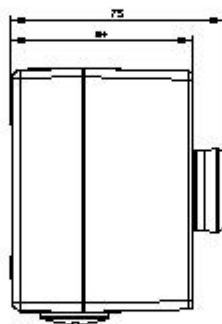
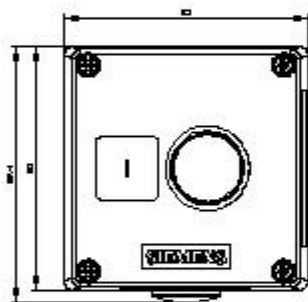
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-0AB00-2AB1>

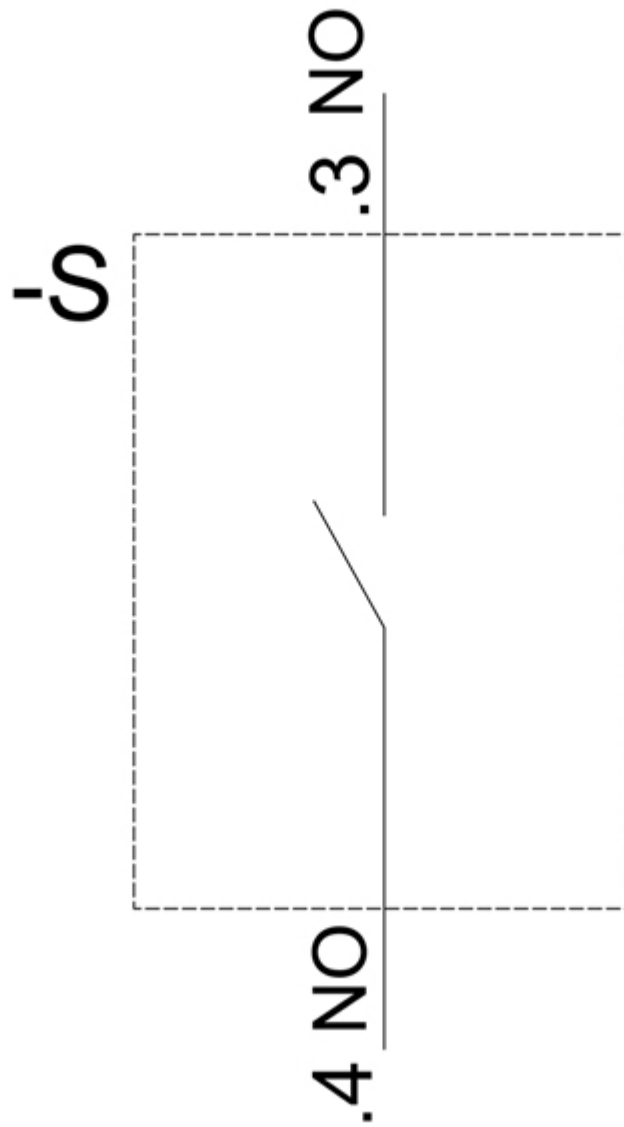
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0AB00-2AB1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1851-0AB00-2AB1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-0AB00-2AB1&lang=en)





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