



Enclosure for command devices, 22 mm, round, Enclosure material plastic, Enclosure top part yellow, 1 control point plastic, with protective collar, A=EMERGENCY STOP mushroom pushbutton red, 40 mm, rotate-to-unlatch, 1 NC, screw terminal, floor mounting, 1xM20 each on top and bottom

|   |   |
|---|---|
| <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>1</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> </ul> | A1 = 3SU1400-2AA10-1CA0<br>3SU1400-2AA10-1CA0<br><br>A = 3SU1500-0AA10-0AA0<br>3SU1500-0AA10-0AA0<br>A = 3SU1000-1HB20-0AA0<br>3SU1000-1HB20-0AA0<br>3SU1801-0AA00-0AC2 |
| <b>Enclosure</b>  |   |
| <b>design of the housing</b>  | with protective collar  |
| <b>shape of the enclosure front</b>   | Square  |
| <b>material of the enclosure</b>  | plastic   |
| <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>  | Yes<br>No   |
| <b>color of the enclosure top part</b>  | yellow  |
| <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>  | Emergency stop mushroom pushbutton  |
| suitability for use EMERGENCY OFF switch  | Yes   |
| product feature lockout   | No  |
| product extension optional light source   | No  |
| <b>color of the actuating element</b>   | red   |
| <b>material of the actuating element</b>  | plastic   |
| <b>shape of the actuating element</b>   | round   |
| <b>number of contact modules</b>  | 1   |
| <b>type of unlocking device</b>   | A = rotate-to-unlatch mechanism   |
| <b>Front ring</b>   |   |
| <b>product component front ring</b>   | No  |
| <b>design of the front ring</b>   | Standard  |

|   |  |
|---|--|
| <b>Holder</b>   |  |
| material of the holder                                    | Plastic  |
| <b>Display</b>  |  |
| number of LED modules                                     | 0  |
| <b>General technical data</b>                             |  |
| product function  |  |
| • positive opening  | Yes  |
| • EMERGENCY OFF function                                  | Yes  |
| • EMERGENCY STOP function                                 | Yes  |
| protection class IP                                       | IP66, IP67, IP69(IP69K)  |
| degree of protection NEMA rating                          | 1, 2, 3, 3R, 4, 4X, 12K, 13  |
| shock resistance  |  |
| • acc. to IEC 60068-2-27                                  | Sinusoidal half-wave 50g / 11 ms   |
| • for railway applications acc. to DIN EN 61373           | Category 1, Class B  |
| vibration resistance                                      |  |
| • acc. to IEC 60068-2-6                                   | 10 ... 500 Hz: 5g  |
| • for railway applications acc. to DIN EN 61373           | Category 1, Class B  |
| reference code acc. 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   |
| • 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>                                  |  |
| design of the contact of auxiliary contacts               | Silver alloy   |
| number of NC contacts for auxiliary contacts              | 1  |
| number of NO contacts for auxiliary contacts              | 0  |
| <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>                                 |  |
| • 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   |
| height  | 85 mm  |
| width   | 85 mm  |
| depth   | 112.5 mm   |
| shape of the installation opening                         | round  |
| <b>Accessories</b>  |  |
| number of labels  | 0  |
| marking of the name plate for command devices             | A = I  |
| number of inscription plates                              | 0  |
| <b>Certificates/ approvals</b>                            |  |
| General Product Approval                                  | Declaration of Conformity  |



#### Declaration of Conformity

#### Test Certificates



EG-Konf.

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Report](#)

#### Test Certificates

#### Marine / Shipping

[Special Test  
Certificate](#)



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=3SU1801-0NA00-2AC2>

Cax online generator

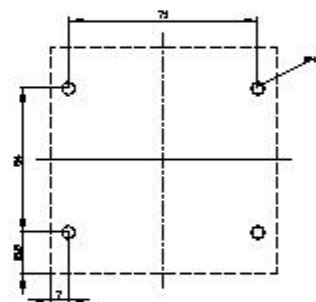
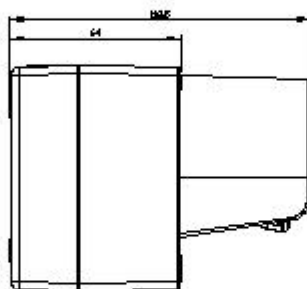
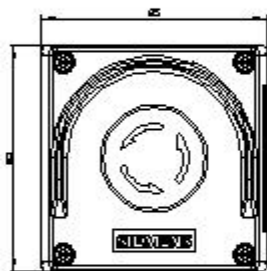
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0NA00-2AC2>

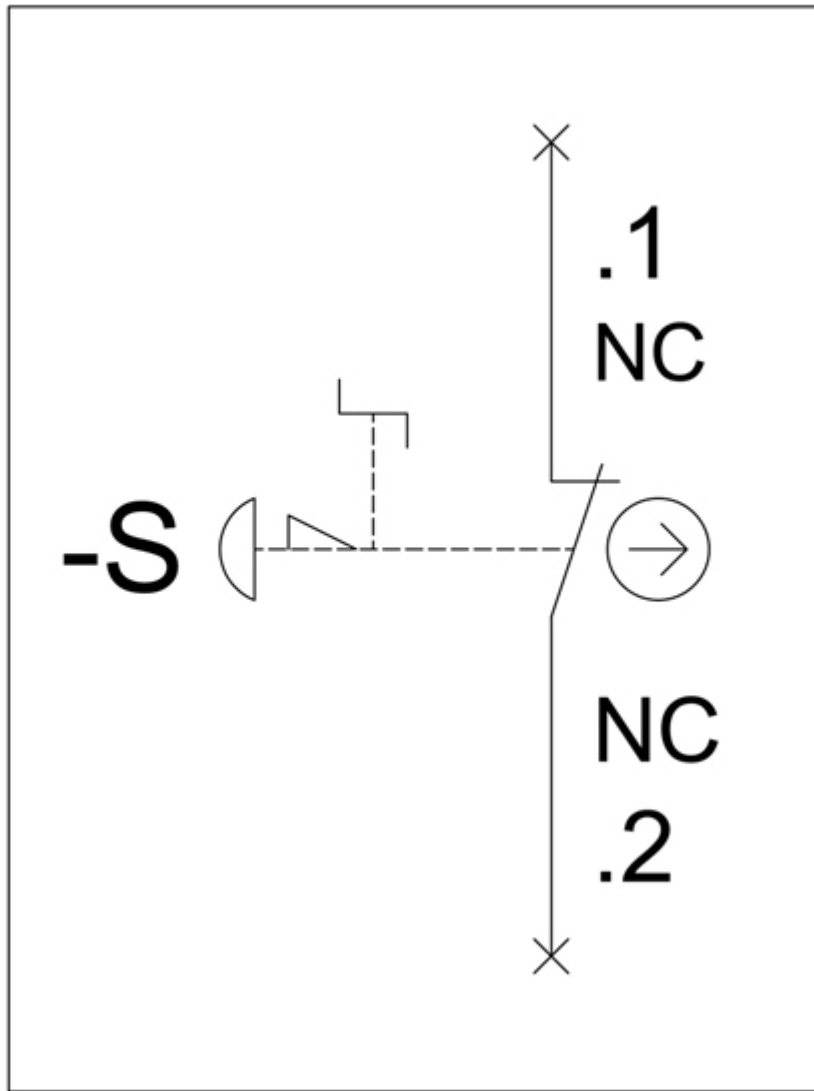
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0NA00-2AC2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1801-0NA00-2AC2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0NA00-2AC2&lang=en)





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