



Enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part grey, 1 control point plastic, Recess for label, A=Pushbutton red, label: O, 1 NC, screw terminal, floor mounting, Label enclosed

|                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| product brand name                                                                                                                                                                                                                                                                                                                                                                                                                                          | SIRIUS ACT                                                                                                                                                                                                                                                                                                      |
| product designation                                                                                                                                                                                                                                                                                                                                                                                                                                         | Enclosures                                                                                                                                                                                                                                                                                                      |
| product type designation                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3SU1                                                                                                                                                                                                                                                                                                            |
| equipment of commanding and signaling device                                                                                                                                                                                                                                                                                                                                                                                                                | A = Pushbutton                                                                                                                                                                                                                                                                                                  |
| manufacturer's article number                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                 |
| <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 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> | A1 = 3SU1400-2AA10-1CA0<br><a href="#">3SU1400-2AA10-1CA0</a><br>A = 3SU1500-0AA10-0AA0<br><a href="#">3SU1500-0AA10-0AA0</a><br><a href="#">3SU1000-0AB20-0AA0</a><br><a href="#">3SU1000-0AB20-0AA0</a><br><a href="#">3SU1801-0AA00-0AB1</a><br>A = 3SU1900-0AF16-0QA0<br><a href="#">3SU1900-0AF16-0QA0</a> |
| <b>Enclosure</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                 |
| design of the housing                                                                                                                                                                                                                                                                                                                                                                                                                                       | with recess for label                                                                                                                                                                                                                                                                                           |
| shape of the enclosure front                                                                                                                                                                                                                                                                                                                                                                                                                                | Square                                                                                                                                                                                                                                                                                                          |
| material of the enclosure                                                                                                                                                                                                                                                                                                                                                                                                                                   | plastic                                                                                                                                                                                                                                                                                                         |
| number of command points                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                                                                                                                                                                                                                                                               |
| product component                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                 |
| <ul style="list-style-type: none"> <li>EMERGENCY STOP device</li> <li>protective collar</li> </ul>                                                                                                                                                                                                                                                                                                                                                          | No<br>No                                                                                                                                                                                                                                                                                                        |
| color of the enclosure top part                                                                                                                                                                                                                                                                                                                                                                                                                             | grey                                                                                                                                                                                                                                                                                                            |
| delivery state                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                 |
| <ul style="list-style-type: none"> <li>as a kit</li> <li>pre-wired on strip terminal</li> </ul>                                                                                                                                                                                                                                                                                                                                                             | No<br>No                                                                                                                                                                                                                                                                                                        |
| fastening method of the enclosure                                                                                                                                                                                                                                                                                                                                                                                                                           | Vertical                                                                                                                                                                                                                                                                                                        |
| <b>Actuator</b>                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                 |
| design of the actuating element                                                                                                                                                                                                                                                                                                                                                                                                                             | Pushbutton                                                                                                                                                                                                                                                                                                      |
| suitability for use EMERGENCY OFF switch                                                                                                                                                                                                                                                                                                                                                                                                                    | No                                                                                                                                                                                                                                                                                                              |
| product feature lockout                                                                                                                                                                                                                                                                                                                                                                                                                                     | No                                                                                                                                                                                                                                                                                                              |
| product extension optional light source                                                                                                                                                                                                                                                                                                                                                                                                                     | No                                                                                                                                                                                                                                                                                                              |
| color of the actuating element                                                                                                                                                                                                                                                                                                                                                                                                                              | red                                                                                                                                                                                                                                                                                                             |
| material of the actuating element                                                                                                                                                                                                                                                                                                                                                                                                                           | plastic                                                                                                                                                                                                                                                                                                         |
| shape of the actuating element                                                                                                                                                                                                                                                                                                                                                                                                                              | round                                                                                                                                                                                                                                                                                                           |
| number of contact modules                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                                                                                                                                                                                                                                                                                               |
| <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>                                  |                                                                                                                                               |
| 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, 12K, 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                                                                                                                           |
| 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 Prohibition (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                                                                                                                                   |
| <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                                                                                                                                |
| • 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                                                         | 85 mm                                                                                                                                         |
| width                                                          | 85 mm                                                                                                                                         |
| depth                                                          | 75 mm                                                                                                                                         |
| shape of the installation opening                              | round                                                                                                                                         |
| <b>Accessories</b>                                             |                                                                                                                                               |
| number of labels                                               | 1                                                                                                                                             |
| marking of the name plate for command devices                  | A = O                                                                                                                                         |
| color of the label                                             | A = black                                                                                                                                     |
| number of inscription plates                                   | 0                                                                                                                                             |
| <b>Certificates/ approvals</b>                                 |                                                                                                                                               |
| <b>General Product Approval</b>                                |                                                                                                                                               |



[Confirmation](#)



| Declaration of Conformity | Test Certificates | Marine / Shipping |
|---------------------------|-------------------|-------------------|
|---------------------------|-------------------|-------------------|



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



| Marine / Shipping | other | Environment |
|-------------------|-------|-------------|
|-------------------|-------|-------------|



[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3SU1801-0AC00-2AB1>

Cax online generator

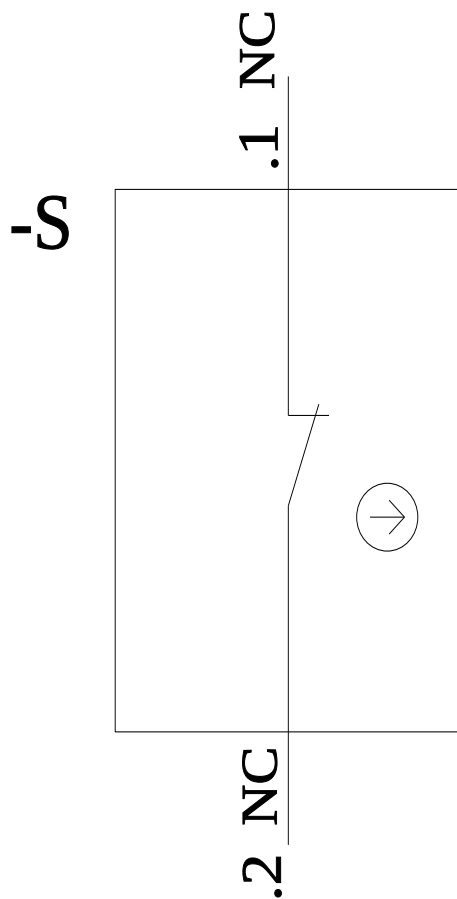
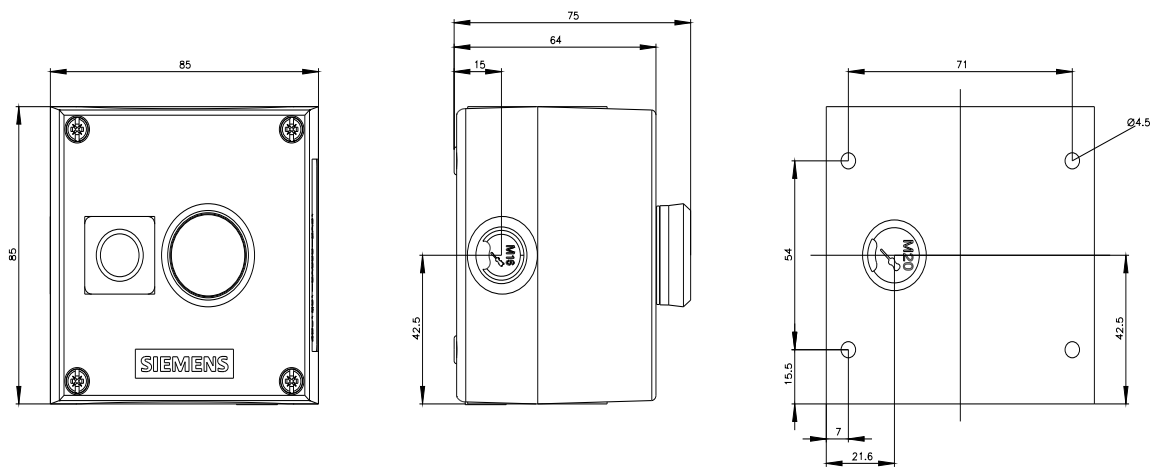
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0AC00-2AB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0AC00-2AB1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1801-0AC00-2AB1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0AC00-2AB1&lang=en)





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