



Enclosure for command devices, 22 mm, round, Enclosure material metal, Enclosure top part yellow, 1 control point metal, A=EMERGENCY STOP mushroom pushbutton red, 40 mm, rotate-to-unlatch, Control point in center, 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>equipment of commanding and signaling device</b>                                                                                                                                                                                                                                                                                                              | A = EMERGENCY STOP mushroom pushbutton, 40 mm, with positive latching acc. to ISO 13850 and rotate-to-unlatch mechanism                                                                                                                                   |
| <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 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> | <p>A1 = 3SU1400-2AA10-1CA0<br/><a href="#">3SU1400-2AA10-1CA0</a></p> <p>A = 3SU1550-0AA10-0AA0<br/><a href="#">3SU1550-0AA10-0AA0</a></p> <p>A = 3SU1050-1HB20-0AA0<br/><a href="#">3SU1050-1HB20-0AA0</a></p> <p><a href="#">3SU1851-0AA00-0AA2</a></p> |
| <b>Enclosure</b>                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                           |
| <b>design of the housing</b>                                                                                                                                                                                                                                                                                                                                     | Command point in center                                                                                                                                                                                                                                   |
| <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>                                                                                                                                                                                                                                                               | <p>Yes</p> <p>No</p>                                                                                                                                                                                                                                      |
| <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>                                                                                                                                                                                                                                                                  | <p>No</p> <p>No</p>                                                                                                                                                                                                                                       |
| <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, 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                                                                                                                                   |
| <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                                                         | 89.4 mm                                                                                                                                       |
| width                                                          | 85 mm                                                                                                                                         |
| depth                                                          | 109 mm                                                                                                                                        |
| shape of the installation opening                              | round                                                                                                                                         |
| <b>Accessories</b>                                             |                                                                                                                                               |
| number of labels                                               | 0                                                                                                                                             |
| number of inscription plates                                   | 0                                                                                                                                             |
| <b>Certificates/ approvals</b>                                 |                                                                                                                                               |
| General Product Approval                                       |                                                                                                                                               |



[Confirmation](#)



#### Declaration of Conformity

#### Test Certificates

#### Marine / Shipping



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



#### Marine / Shipping

#### other



[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=3SU1851-0NA00-2AA2>

Cax online generator

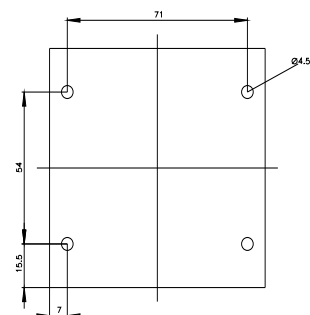
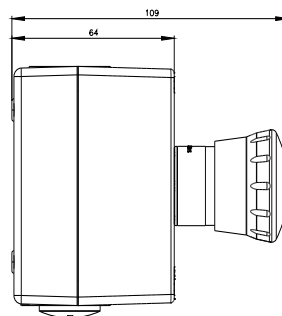
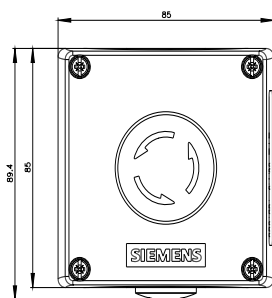
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-0NA00-2AA2>

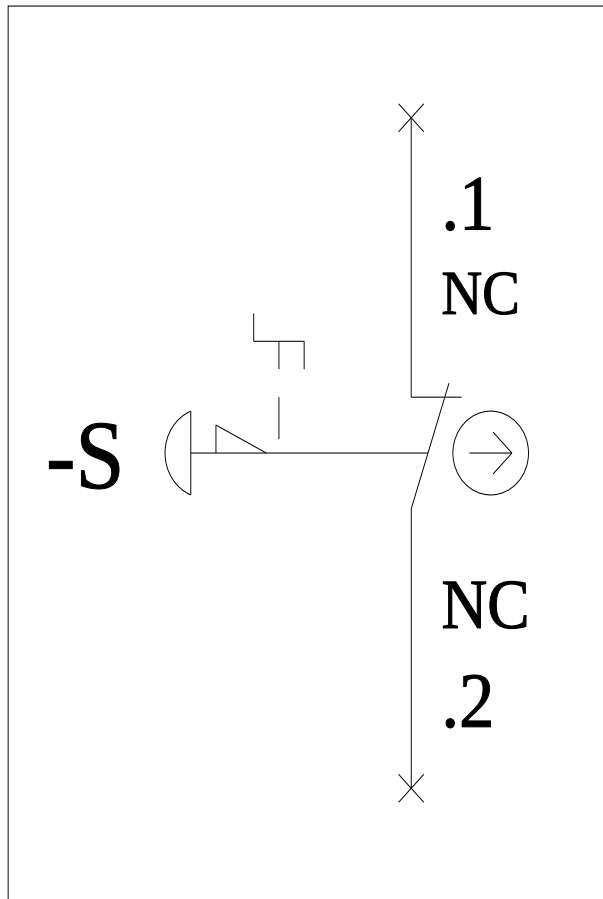
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0NA00-2AA2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1851-0NA00-2AA2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-0NA00-2AA2&lang=en)





last modified:

1/26/2022 