



AS-Interface enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part gray, 2 control points plastic, Recess for labels, B=Pushbutton green, label: I, 1 NO, spring-type terminal, A=Pushbutton red, label: O, 1 NC, spring-type terminal, floor mounting, Insulation displacement system on top, 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 supplied communication module</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> |
|  | A1 = 3SU1400-2AA10-3CA0 / B2 = 3SU1400-2AA10-3BA0<br><a href="#">3SU1400-2AA10-3CA0</a><br><a href="#">3SU1400-2AA10-3BA0</a><br>AB = 3SU1400-2EK10-6AA0<br>A = 3SU1500-0AA10-0AA0, B = 3SU1500-0AA10-0AA0<br><a href="#">3SU1500-0AA10-0AA0</a><br><a href="#">3SU1500-0AA10-0AA0</a><br>A = 3SU1000-0AB20-0AA0 / B = 3SU1000-0AB40-0AA0<br><a href="#">3SU1000-0AB20-0AA0</a><br><a href="#">3SU1000-0AB40-0AA0</a><br><a href="#">3SU1802-0AA00-0AB1</a><br>A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0<br><a href="#">3SU1900-0AF16-0QA0</a><br><a href="#">3SU1900-0AF16-0QB0</a>  |
| <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>   |  |
| <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>Yes  |
| <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  |
| <b>shape of the actuating element</b>  | 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 Prohibition (Date)</b>                              | 10/01/2014  |
| <b>operating voltage</b>   |   |
| • at AC  |   |
| — at 50 Hz rated value   | 18 ... 31.6 V   |
| — at 60 Hz rated value   | 18 ... 31.6 V   |
| • at DC rated value  | 18 ... 31.6 V   |
| <b>cable entry type</b>  | Adapter ASI shaped cable (insulation displacement method) M20 cable entry   |
| <b>Communication/ Protocol</b>                                   |   |
| design of the interface for communication                        | AS-i  |
| type of electrical connection of the communication interface     | Insulation piercing technology top/right  |
| <b>Auxiliary circuit</b>   |   |
| <b>design of the contact of auxiliary contacts</b>               | Silver alloy  |
| <b>number of NC contacts for auxiliary contacts</b>              | 1   |
| <b>number of NO contacts for auxiliary contacts</b>              | 1   |
| <b>Connections/ Terminals</b>                                    |   |
| type of electrical connection of modules and accessories         | Spring-type terminal  |
| <b>type of electrical connection on enclosure</b>                | Adapter ASI shaped cable (insulation displacement method)   |
| <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   |
| <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  |
| <b>height</b>  | 134.4 mm  |
| <b>width</b>   | 85 mm   |
| <b>depth</b>   | 75 mm   |
| <b>shape of the installation opening</b>                         | 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](#)



| Declaration of Conformity | Test Certificates | other | Environment |
|---------------------------|-------------------|-------|-------------|
|---------------------------|-------------------|-------|-------------|



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[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=3SU1802-0AB10-4HB1>

Cax online generator

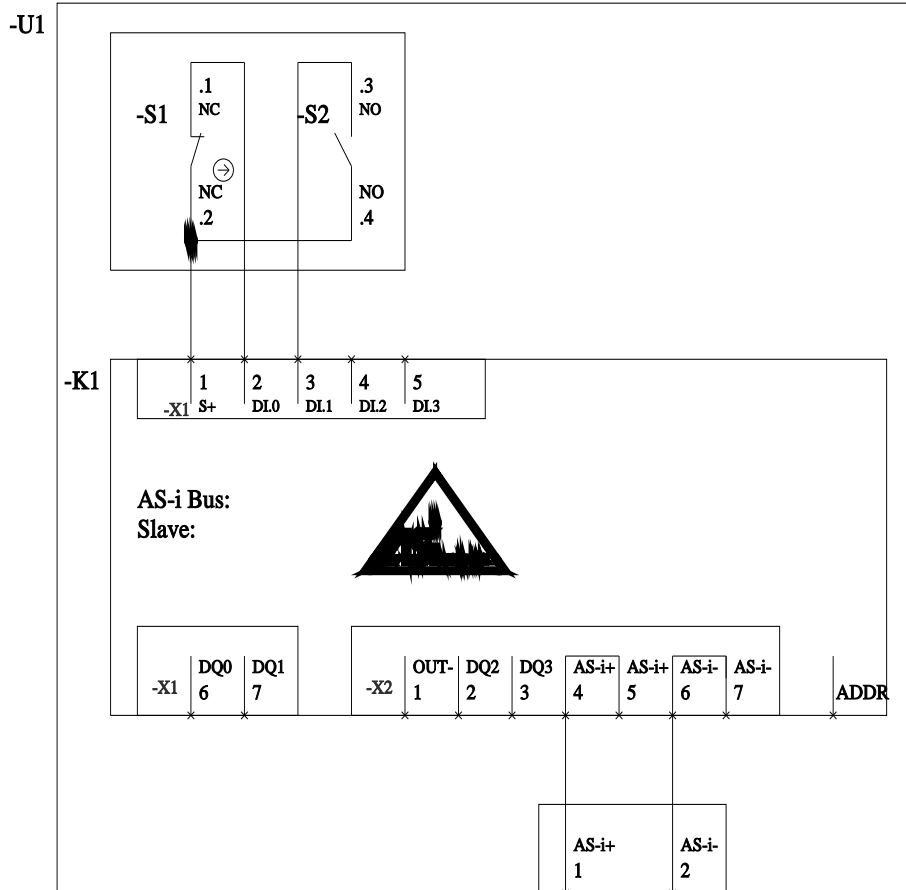
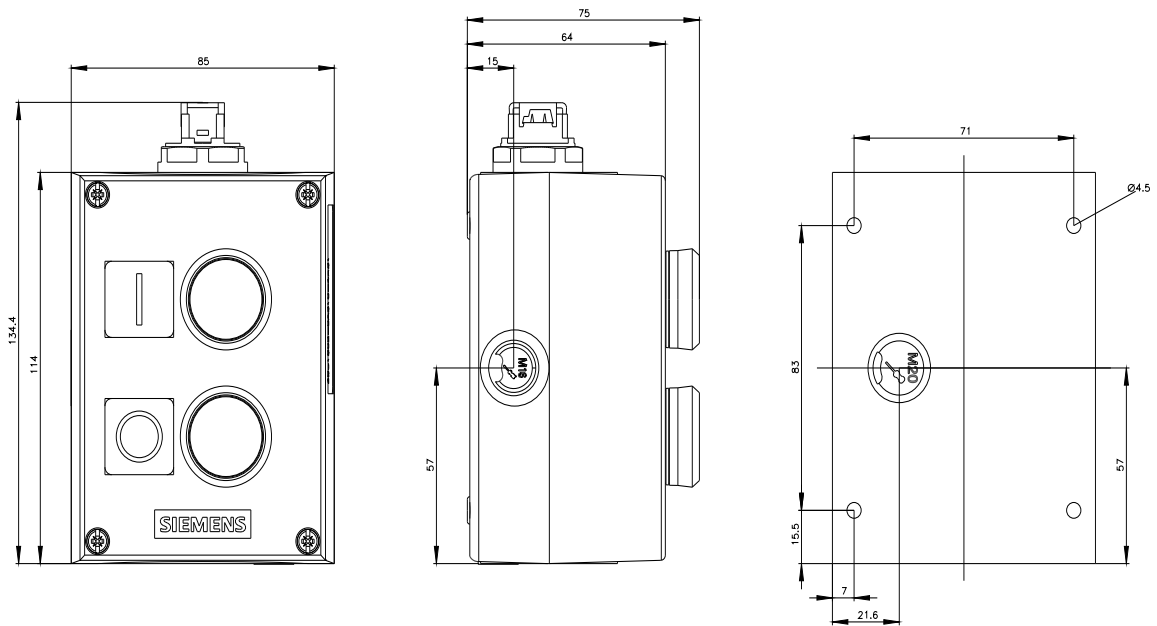
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1802-0AB10-4HB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0AB10-4HB1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1802-0AB10-4HB1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0AB10-4HB1&lang=en)



last modified:

1/26/2022

