



Figure similar

ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND,  
ENCLOSURE MATERIAL PLASTIC, ENCLOSURE TOP PART  
GRAY, 1 COMMAND POINT PLASTIC, RECESS FOR LABEL,  
A=PUSHBUTTON BLACK LABEL: O 1NC, SCREW TERMINAL,  
BASE MOUNTING

|                                                       |                                    |
|-------------------------------------------------------|------------------------------------|
| Product brand name                                    | SIRIUS ACT                         |
| Product designation                                   | Enclosures                         |
| Product type designation                              | 3SU1                               |
| Manufacturer's article number                         |                                    |
| • of supplied contact module                          | A1 = 3SU1400-2AA10-1CA0            |
| • of supplied contact module at the command point A 1 | <a href="#">3SU1400-2AA10-1CA0</a> |
| • of the supplied holder                              | A = 3SU1500-0AA10-0AA0             |
| • of the supplied holder at the command point A       | <a href="#">3SU1500-0AA10-0AA0</a> |
| • of the supplied actuator                            | <a href="#">3SU1000-0AB10-0AA0</a> |
| • of the supplied actuator at the command point A     | <a href="#">3SU1000-0AB10-0AA0</a> |
| • of supplied empty enclosure                         | <a href="#">3SU1801-0AA00-0AB1</a> |
| • of supplied accessory                               | A = 3SU1900-0AF16-0QA0             |
| • of the supplied accessories at the command point A  | <a href="#">3SU1900-0AF16-0QA0</a> |

Enclosure

|                                       |                       |
|---------------------------------------|-----------------------|
| <b>Design of the housing</b>          | with recess for label |
| <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>              |                       |
| • EMERGENCY STOP device               | No                    |
| • protective collar                   | No                    |
| <b>Color</b>                          |                       |
| • of top part of the enclosure        | grey                  |
| <b>Delivery state</b>                 |                       |
| • as a kit                            | No                    |
| • pre-wired on strip terminal         | No                    |
| <b>Mounting type of the enclosure</b> | Vertical              |

|                                                |            |
|------------------------------------------------|------------|
| <b>Actuator</b>                                |            |
| <b>Design of the operating mechanism</b>       | Pushbutton |
| Suitability for use EMERGENCY OFF switch       | No         |
| <b>Product feature</b>                         |            |
| • lockout                                      | No         |
| <b>Product extension optional Light source</b> | No         |
| <b>Color</b>                                   |            |
| • of the actuating element                     | black      |
| <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>   | plastic  |
| <b>Color of the front ring</b>      | black    |

|                               |         |
|-------------------------------|---------|
| <b>Holder</b>                 |         |
| <b>Material of the holder</b> | Plastic |

|                              |   |
|------------------------------|---|
| <b>Display</b>               |   |
| <b>Number of LED modules</b> | 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> | NEMA 1, 2, 3, 3R, 4, 4X, 12K |
| <b>Shock resistance</b>                 |                              |

|                                                                                                                                                                |                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul>                            | Sinusoidal half-wave 50 g / 11 ms<br>Category 1, Class B |
| <b>Vibration resistance</b> <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul> | 10 ... 500 Hz: 5g<br>Category 1, Class B                 |
| <b>Equipment marking</b> <ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to DIN EN 81346-2</li> </ul>                          | S<br>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                                                     |

## Main circuit

|                                                                                                                                                                                                                                                                                |                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Operating voltage</b> <ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> <li>— at 60 Hz rated value</li> </ul> </li> <li>• at DC <ul style="list-style-type: none"> <li>— rated value</li> </ul> </li> </ul> | 5 ... 500 V<br>5 ... 500 V<br>5 ... 500 V |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|

## Auxiliary circuit

|                                                                                                         |              |
|---------------------------------------------------------------------------------------------------------|--------------|
| <b>Design of the contact of auxiliary contacts</b>                                                      | Silver alloy |
| <b>Number of NC contacts</b> <ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul> | 1            |
| <b>Number of NO contacts</b> <ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul> | 0            |
| <b>Number of CO contacts</b> <ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul> | 0            |

## Connections/Terminals

|                                                                                                                     |                                             |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| <b>Type of electrical connection</b> <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul> | 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 mounting screws in the enclosure cover</b>                                                  | 1.5 ... 1.7 N·m                             |
| <b>Tightening torque</b> <ul style="list-style-type: none"> <li>• with screw-type terminals</li> </ul>              | 0.8 ... 0.9 N·m                             |

## Interfaces

|                                                                                                      |         |
|------------------------------------------------------------------------------------------------------|---------|
| <b>Design of the interface</b> <ul style="list-style-type: none"> <li>• for communication</li> </ul> | without |
|------------------------------------------------------------------------------------------------------|---------|

## Ambient conditions

|                            |  |
|----------------------------|--|
| <b>Ambient temperature</b> |  |
|----------------------------|--|

- during operation
- during storage

-25 ... +70 °C

-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)

## Installation/ mounting/ dimensions

### Mounting type

- of modules and accessories

Floor mounting

### Height

85 mm

### Width

85 mm

### Depth

75 mm

### Shape of the installation opening

round

## Accessories

### Number of labels

1

### Marking of the name plate for command devices

A = O

### Color of the label

A = black

## Certificates/approvals

### General Product Approval

### Declaration of Conformity



CCC



CSA



UL



VDE



EG-Konf.

### Test Certificates

### Marine / Shipping

[Declaration of the Compliance with the order](#)

[Special Test Certificate](#)



ABS



LRS



PRS



RINA

### Marine / Shipping

### other

[Confirmation](#)



RMRS



DNVGL.COM/AF

## Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

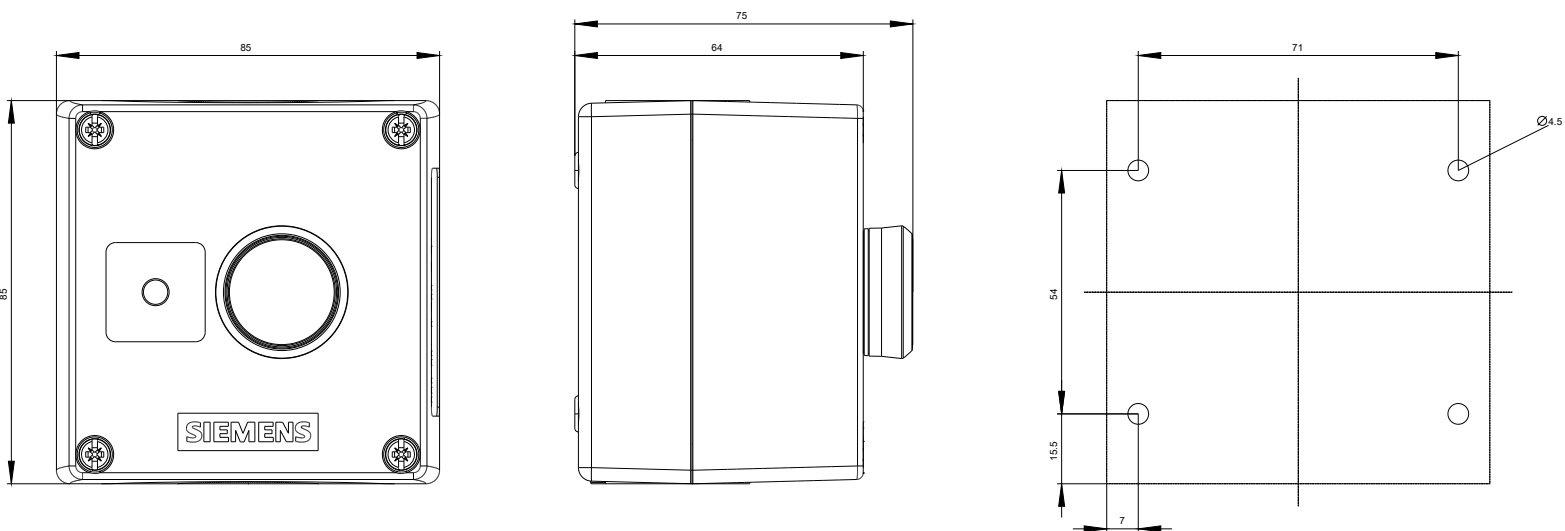
<http://www.siemens.com/industrial-controls/catalogs>

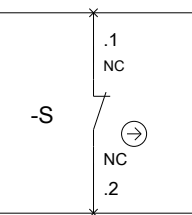
Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1801-0AE00-2AB1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0AE00-2AB1>





SIEMENS

3SU18.1.(AC,AE)0\_01\_4\_IEC\_V.DXF

Format / Size: Hybrid quer

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