



Figure similar

ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, ENCLOSURE TOP PART YELLOW, 1 COMMAND POINT PLASTIC, WITH PROTECTIVE COLLAR, A=EM. STOP MUSH. PUSHB. RED, 40MM, ROTATE TO UNLATCH, 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<br><a href="#">3SU1400-2AA10-1CA0</a> |
| • of supplied contact module at the command point A 1 |                                                               |
| • of the supplied holder                              | A = 3SU1500-0AA10-0AA0<br><a href="#">3SU1500-0AA10-0AA0</a>  |
| • of the supplied holder at the command point A       |                                                               |
| • of the supplied actuator                            | A = 3SU1000-1HB20-0AA0<br><a href="#">3SU1000-1HB20-0AA0</a>  |
| • of the supplied actuator at the command point A     |                                                               |
| • of supplied empty enclosure                         | <a href="#">3SU1801-0AA00-0AC2</a>                            |
| Enclosure                                             |                                                               |
| Design of the housing                                 | with protective collar                                        |
| Shape of the enclosure front                          | Square                                                        |
| Material of the enclosure                             | plastic                                                       |

|                                       |          |
|---------------------------------------|----------|
| <b>Number of command points</b>       | 1        |
| <b>Product component</b>              |          |
| • EMERGENCY STOP device               | Yes      |
| • protective collar                   | No       |
| <b>Color</b>                          |          |
| • of top part of the enclosure        | yellow   |
| <b>Delivery state</b>                 |          |
| • as a kit                            | No       |
| • pre-wired on strip terminal         | No       |
| <b>Mounting type of the enclosure</b> | Vertical |

#### Actuator

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| <b>Design of the operating mechanism</b>       | Emergency stop mushroom pushbutton |
| Suitability for use EMERGENCY OFF switch       | Yes                                |
| <b>Product feature</b>                         |                                    |
| • lockout                                      | No                                 |
| <b>Product extension optional Light source</b> | No                                 |
| <b>Color</b>                                   |                                    |
| • of the actuating element                     | 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    |

#### Front ring

|                                     |          |
|-------------------------------------|----------|
| <b>Product component front ring</b> | No       |
| <b>Design of the front ring</b>     | Standard |

#### Holder

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

#### Display

|                              |   |
|------------------------------|---|
| <b>Number of LED modules</b> | 0 |
|------------------------------|---|

#### General technical data

|                                                 |                                   |
|-------------------------------------------------|-----------------------------------|
| <b>Product function</b>                         |                                   |
| • positive opening                              | Yes                               |
| • EMERGENCY OFF function                        | Yes                               |
| • EMERGENCY STOP function                       | Yes                               |
| <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>                         |                                   |
| • acc. to IEC 60068-2-27                        | Sinusoidal half-wave 50 g / 11 ms |
| • for railway applications acc. to DIN EN 61373 | Category 1, Class B               |
| <b>Vibration resistance</b>                     |                                   |
| • acc. to IEC 60068-2-6                         | 10 ... 500 Hz: 5g                 |

|                                                         |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| • for railway applications acc. to DIN EN 61373         | Category 1, Class B                                  |
| <b>Equipment marking</b>                                |                                                      |
| • acc. to DIN EN 61346-2                                | S                                                    |
| • acc. to DIN EN 81346-2                                | 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> |             |
| • 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 |

## Auxiliary circuit

|                                                    |              |
|----------------------------------------------------|--------------|
| <b>Design of the contact of auxiliary contacts</b> | Silver alloy |
| <b>Number of NC contacts</b>                       |              |
| • for auxiliary contacts                           | 1            |
| <b>Number of NO contacts</b>                       |              |
| • for auxiliary contacts                           | 0            |
| <b>Number of CO contacts</b>                       |              |
| • for auxiliary contacts                           | 0            |

## Connections/Terminals

|                                                                    |                                             |
|--------------------------------------------------------------------|---------------------------------------------|
| <b>Type of electrical connection</b>                               |                                             |
| • of modules and accessories                                       | 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>                                           |                                             |
| • with screw-type terminals                                        | 0.8 ... 0.9 N·m                             |

## Interfaces

|                                |         |
|--------------------------------|---------|
| <b>Design of the interface</b> |         |
| • for communication            | without |

## Ambient conditions

|                                                           |                                                                                                                                                |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ambient temperature</b>                                |                                                                                                                                                |
| • during operation                                        | -25 ... +70 °C                                                                                                                                 |
| • during storage                                          | -40 ... +80 °C                                                                                                                                 |
| Environmental category during operation acc. to IEC 60721 | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted for all devices behind front panel) |

## Installation/ mounting/ dimensions

|                                          |                |
|------------------------------------------|----------------|
| <b>Mounting type</b>                     |                |
| • of modules and accessories             | Floor mounting |
| <b>Height</b>                            | 85 mm          |
| <b>Width</b>                             | 85 mm          |
| <b>Depth</b>                             | 112.5 mm       |
| <b>Shape of the installation opening</b> | round          |

## Accessories

|                                                      |       |
|------------------------------------------------------|-------|
| <b>Number of labels</b>                              | 0     |
| <b>Marking of the name plate for command devices</b> | A = I |

## Certificates/approvals

| General Product Approval                                                                   | Declaration of Conformity                                                                       |
|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| <br>CCC   | <br>EG-Konf. |
| <br>CSA   |                                                                                                 |
| <br>UL    |                                                                                                 |
| <br>VDE   |                                                                                                 |
| <br>EAC |                                                                                                 |

| Test Certificates                                            | Shipping Approval                                                                             |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <a href="#">Declaration of the Compliance with the order</a> | <br>ABS    |
| <a href="#">Special Test Certificate</a>                     | <br>LRS    |
|                                                              | <br>PRS  |
|                                                              | <br>RINA |

| Shipping Approval                                                                           | other                        |
|---------------------------------------------------------------------------------------------|------------------------------|
| <br>RMRS | <a href="#">Confirmation</a> |

## Further information

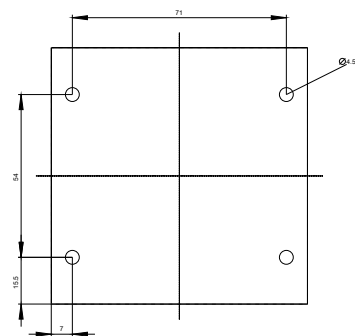
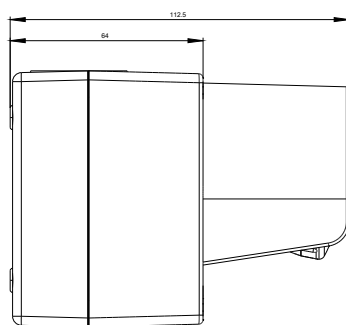
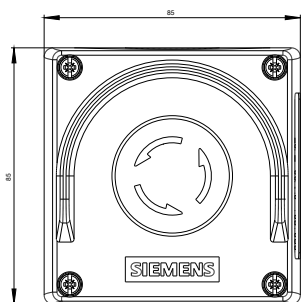
**Information- and Downloadcenter (Catalogs, Brochures,...)**  
<http://www.siemens.com/industrial-controls/catalogs>

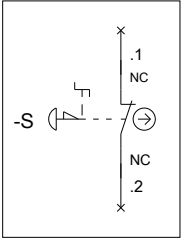
**Industry Mall (Online ordering system)**  
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1801-0NA00-2AC2>

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

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0NA00-2AC2>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1801-0NA00-2AC2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0NA00-2AC2&lang=en)





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