

Enclosure for command devices 22 mm, round, Enclosure material metal, Enclosure top part yellow, 1 control point metal, Control point in center, A=EMERGENCY STOP palm pushbutton, red, positive latching, pull-to-unlatch mechanism, 1 NC, 1 NO, screw terminal, Floor mounting



<b>Product brand name</b>	SIRIUS ACT
<b>Product designation</b>	Enclosures
<b>Product type designation</b>	3SU1
<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 A 2</li> </ul>
	A1 = 3SU1400-2AA10-1CA0, A2 = 3SU1400-2AA10-1BA0 <a href="#">3SU1400-2AA10-1CA0</a>  <a href="#">3SU1400-2AA10-1BA0</a>

Enclosure	
<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>
	Yes No
<b>Color</b>	<ul style="list-style-type: none"> <li>• of top part of the enclosure</li> </ul>
	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>	Palm switch
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>	2
<b>Type of unlocking device</b>	A = pull-to-unlatch mechanism

#### Front ring

<b>Product component front ring</b>	No
<b>Design of the front ring</b>	Standard
<b>Material of the front ring</b>	Metal, high gloss
<b>Color of the front ring</b>	silver

#### Holder

<b>Material of the holder</b>	Metal
-------------------------------	-------

#### 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, 12, 13
<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>Reference code acc. to DIN EN 81346-2</b>	S
<b>Reference code acc. to DIN EN 61346-2</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>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 for auxiliary contacts</b>	1
<b>Number of NO contacts for auxiliary contacts</b>	1
<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

• Mounting type of modules and accessories	Floor mounting
<b>(height)</b>	89.4 mm
<b>Width</b>	85 mm
<b>Depth</b>	119 mm
<b>Shape of the installation opening</b>	round

#### Accessories

<b>Number of labels</b>	1
<b>Marking of the name plate for command devices</b>	A = I
<b>Color of the label</b>	A = black

## Certificates/approvals

### General Product Approval

### Declaration of Conformity



CCC



CSA



VDE



EG-Konf.

[Miscellaneous](#)

### Test Certificates

### Marine / Shipping

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS



RINA



RMRS

### Marine / Shipping

### other



[Confirmation](#)

## 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?mfb=3SU1851-2NG00-2AA2>

### Cax online generator

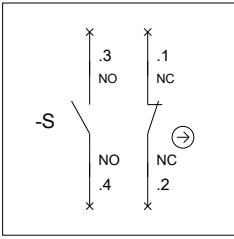
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1851-2NG00-2AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-2NG00-2AA2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SU1851-2NG00-2AA2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1851-2NG00-2AA2&lang=en)



SIEMENS

3SU18.1.NG0\_01\_4\_IEC.DXF

last modified:

07/24/2019