



Enclosure for command devices, 22 mm, round, Enclosure material plastic, Enclosure top part yellow, 2 control points plastic, B=Indicator light red, LED 24 V, screw terminal, label without inscription, A=Emergency stop 40 mm rotate-to-unlatch, label without inscription, 1 NO, 1 NC, 1 NC, screw terminal, floor mounting, 1xM20 each on top and bottom, Labels enclosed

**product brand name**  
**product designation**  
**product type designation**  
**equipment of commanding and signaling device**

### manufacturer's article number

- of supplied contact module
- of supplied contact module at the command point A 1
- of supplied contact module at the command point A 2
- of supplied contact module at the command point A 3
- of supplied LED module
- of supplied LED module at the command point B
- of the supplied holder
- of the supplied holder at the command point A
- of the supplied holder at the command point B
- of the supplied actuator
- of the supplied actuator at the command point A
- of the supplied actuator at the command point B
- of supplied repeater
- of supplied empty enclosure
- of supplied accessory
- of the supplied accessories at the command point A
- of the supplied accessories at the command point B

### SIRIUS ACT

#### Enclosures

#### 3SU1

A = EMERGENCY-STOP mushroom pushbutton, 40 mm, with positive latching according to ISO 13850 and rotate-to-unlatch mechanism / B = indicator light 24 V AC/DC

A1 = 3SU1400-2AA10-1CA0, A2 = 3SU1400-2AA10-1BA0, A3 = 3SU1400-2AA10-1CA0

[3SU1400-2AA10-1CA0](#)

[3SU1400-2AA10-1BA0](#)

[3SU1400-2AA10-1CA](#)

B3 = 3SU1401-2BG20-1AA0

[3SU1401-2BB20-1AA0](#)

A = 3SU1500-0AA10-0AA0, B = 3SU1500-0AA10-0AA0

[3SU1500-0AA10-0AA0](#)

[3SU1500-0AA10-0AA0](#)

A = 3SU1000-1HB20-0AA0

[3SU1000-1HB20-0AA0](#)

[3SU1001-6AA20-0AA0](#)

B = 3SU1001-6AA20-0AA0

[3SU1802-0AA00-0AB2](#)

A = 3SU1900-0AF16-0AA0, B = 3SU1900-0AF16-0AA0

[3SU1900-0AF16-0AA0](#)

[3SU1900-0AF16-0AA0](#)

### Enclosure

#### design of the housing

#### shape of the enclosure front

#### material of the enclosure

#### number of command points

#### product component

- EMERGENCY STOP device
- protective collar

#### color of the enclosure top part

#### delivery state

- as a kit
- pre-wired on strip terminal

#### fastening method of the enclosure

with recess for label

rectangular

plastic

2

Yes

No

yellow

No

No

Vertical

### Actuator

#### design of the actuating element

Indicator light / EMERGENCY STOP mushroom pushbutton

suitability for use EMERGENCY OFF switch	Yes
product feature lockout	No
product extension optional light source	Yes
color of the actuating element	A = red / B = red
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>number of contact modules</b>	3
<b>type of unlocking device</b>	A = Rotate to unlock / B = none
<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>	1
<b>General technical data</b>	
<b>product function</b>	Yes
• 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>	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 Prohibitance (Date)</b>	10/01/2014
<b>operating voltage</b>	
• at AC	
— at 50 Hz rated value	24 ... 24 V
— at 60 Hz rated value	24 ... 24 V
• at DC rated value	24 ... 24 V
<b>Communication/ Protocol</b>	
design of the interface for communication	without
<b>Auxiliary circuit</b>	
<b>design of the contact of auxiliary contacts</b>	Silver alloy
<b>number of NC contacts for auxiliary contacts</b>	2
<b>number of NO contacts for auxiliary contacts</b>	1
<b>Connections/ Terminals</b>	
type of electrical connection 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 fixing screws in the enclosure cover</b>	1.5 ... 1.7 N·m
<b>tightening torque with screw-type terminals</b>	0.8 ... 0.9 N·m
<b>Lamp</b>	
<b>light intensity</b>	450 ... 1 120 mcd
<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, 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  
height  
width  
depth  
shape of the installation opening

Floor mounting  
114 mm  
85 mm  
109 mm  
round

#### Accessories

number of labels	2
marking of the name plate for command devices	A = without inscription / B = without inscription
color of the label	A = black / B = black
number of inscription plates	0

#### Certificates/ approvals

##### General Product Approval



[Confirmation](#)



##### Declaration of Conformity

##### Test Certificates

##### Marine / Shipping



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



##### 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=3SU1802-0NB00-2AB2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1802-0NB00-2AB2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0NB00-2AB2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1802-0NB00-2AB2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0NB00-2AB2&lang=en)



