



Enclosure for command devices, 22 mm, round, Enclosure material plastic, Enclosure top part yellow, with protective collar, 1 control point plastic, A=EMERGENCY STOP mushroom pushbutton red, 40 mm, rotate-to-unlatch, 1 NC, 1 NC, screw terminal, floor mounting, 1xM20 each on top and bottom

**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 the supplied holder
- of the supplied holder at the command point A
- of the supplied actuator
- of the supplied actuator at the command point A
- of supplied empty enclosure

**SIRIUS ACT**  
**Enclosures**  
**3SU1**  
A = EMERGENCY STOP mushroom pushbutton, 40 mm, with positive latching acc. to ISO 13850 and rotate-to-unlatch mechanism

A1 = 3SU1400-2AA10-1CA0, A2 = 3SU1400-2AA10-1CA0  
[3SU1400-2AA10-1CA0](#)

[3SU1400-2AA10-1CA0](#)  
A = 3SU1500-0AA10-0AA0  
[3SU1500-0AA10-0AA0](#)  
A = 3SU1000-1HB20-0AA0  
[3SU1000-1HB20-0AA0](#)  
[3SU1801-0AA00-0AC2](#)

### 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 protective collar  
Square  
plastic  
1

Yes  
No  
yellow  
No  
No  
Vertical

### Actuator

**design of the actuating element**  
suitability for use EMERGENCY OFF switch  
product feature lockout  
product extension optional light source  
color of the actuating element  
**material of the actuating element**  
**shape of the actuating element**  
**number of contact modules**  
**type of unlocking device**

EMERGENCY STOP mushroom pushbutton  
Yes  
No  
No  
red  
plastic  
round  
2  
A = rotate-to-unlatch mechanism

### Front ring

**product component front ring**  
**design of the front ring**

No  
Standard

<b>Holder</b>	
material of the holder	Plastic
<b>Display</b>	
number of LED modules	0
<b>General technical data</b>	
product function	
• positive opening	Yes
• EMERGENCY OFF function	Yes
• EMERGENCY STOP function	Yes
protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12K, 13
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC	5 ... 500 V
— at 50 Hz rated value	5 ... 500 V
— at 60 Hz rated value	5 ... 500 V
• at DC rated value	5 ... 500 V
<b>Communication/ Protocol</b>	
design of the interface for communication	without
<b>Auxiliary circuit</b>	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	0
<b>Connections/ Terminals</b>	
type of electrical connection of modules and accessories	Screw-type terminal
type of electrical connection on enclosure	Cable routing above and below, both 1 x M20
tightening torque of the screws in the bracket	1 ... 1.2 N·m
tightening torque of fixing screws in the enclosure cover	1.5 ... 1.7 N·m
tightening torque with screw-type terminals	0.8 ... 0.9 N·m
<b>Ambient conditions</b>	
ambient temperature	
• 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
height	85 mm
width	85 mm
depth	112.5 mm
shape of the installation opening	round
<b>Accessories</b>	
number of labels	0
number of inscription plates	0
<b>Certificates/ approvals</b>	
General Product Approval	Declaration of Conformity

[Confirmation](#)

Declaration of Conformity	Test Certificates	Marine / Shipping
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[Special Test Certificate](#)    [Type Test Certificates/Test Report](#)



Marine / Shipping	other	Environment
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[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=3SU1801-0NB00-2AC2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0NB00-2AC2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0NB00-2AC2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1801-0NB00-2AC2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0NB00-2AC2&lang=en)



