



Enclosure for command devices, 22 mm, round, Enclosure material plastic, Enclosure top part yellow, 1 control point plastic, with protective collar, A=EMERGENCY STOP mushroom pushbutton red, 40 mm, rotate-to-unlatch, 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 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

[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

with protective collar

shape of the enclosure front

Square

material of the enclosure

plastic

number of command points

1

product component

- EMERGENCY STOP device
- protective collar

Yes

No

color of the enclosure top part

yellow

delivery state

- as a kit
- pre-wired on strip terminal

No

No

fastening method of the enclosure

Vertical

Actuator

design of the actuating element

EMERGENCY STOP mushroom pushbutton

suitability for use EMERGENCY OFF switch

Yes

product feature lockout

No

product extension optional light source

No

color of the actuating element

red

material of the actuating element

plastic

shape of the actuating element

round

number of contact modules

1

type of unlocking device

A = rotate-to-unlatch mechanism

Front ring

product component front ring

No

design of the front ring

Standard

Holder

material of the holder	Plastic
Display	
number of LED modules	0
General technical data	
product function	Yes
• 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	
— at 50 Hz rated value	5 ... 500 V
— at 60 Hz rated value	5 ... 500 V
• at DC rated value	5 ... 500 V
Communication/ Protocol	
design of the interface for communication	without
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	0
Connections/ Terminals	
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
Ambient conditions	
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)
Installation/ mounting/ dimensions	
fastening method of modules and accessories	Floor mounting
height	85 mm
width	85 mm
depth	112.5 mm
shape of the installation opening	round
Accessories	
number of labels	0
number of inscription plates	0
Certificates/ approvals	
General Product Approval	Declaration of Conformity



[Confirmation](#)



Declaration of Conformity	Test Certificates	Marine / Shipping
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EG-Konf.

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS

Marine / Shipping	other
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RINA



RMRS

[Confirmation](#)

[Environmental Confirmations](#)

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=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



