



Enclosure for command devices, 22 mm, round, Enclosure material metal, enclosure top part gray, 1 control point metal, A=Pushbutton black, 1 NC, screw terminal, floor mounting, label: O, 1xM20 each on top and bottom, Label 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 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
- of supplied accessory
- of the supplied accessories at the command point A

SIRIUS ACT

Enclosures

3SU1

A = Pushbutton

A1 = 3SU1400-2AA10-1CA0

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

A = 3SU1550-0AA10-0AA0

[3SU1550-0AA10-0AA0](#)

[3SU1050-0AB10-0AA0](#)

[3SU1050-0AB10-0AA0](#)

[3SU1851-0AA00-0AB1](#)

A = 3SU1900-0AF16-0QA0

[3SU1900-0AF16-0QA0](#)

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

Square

metal

1

No

No

grey

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

Pushbutton

No

No

No

black

plastic

round

1

Front ring

product component front ring

design of the front ring

material of the front ring

color of the front ring

Yes

Standard

Metal, high gloss

silver

Holder	
material of the holder	Plastic
Display	
number of LED modules	0
General technical data	
product function	No
• positive opening	No
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 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	89.4 mm
width	85 mm
depth	75 mm
shape of the installation opening	round
Accessories	
number of labels	1
marking of the name plate for command devices	A = I
color of the label	A = black
number of inscription plates	0
Certificates/ approvals	
General Product Approval	



[Confirmation](#)



Declaration of Conformity

Test Certificates

Marine / Shipping



EG-Konf.

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



ABS



LRS

Marine / Shipping

other



PRS



RINA



RMRS

[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=3SU1851-0AE00-2AB1>

Cax online generator

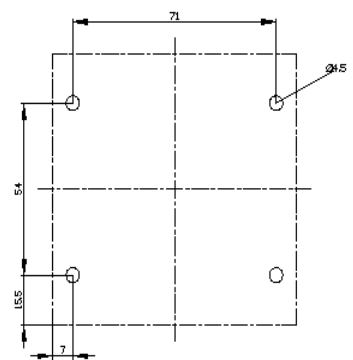
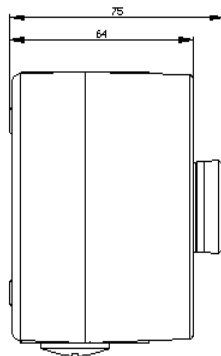
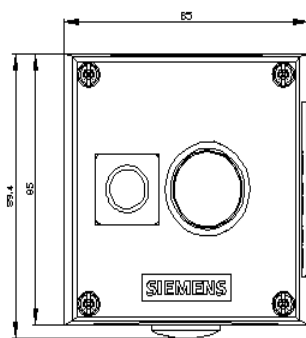
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-0AE00-2AB1>

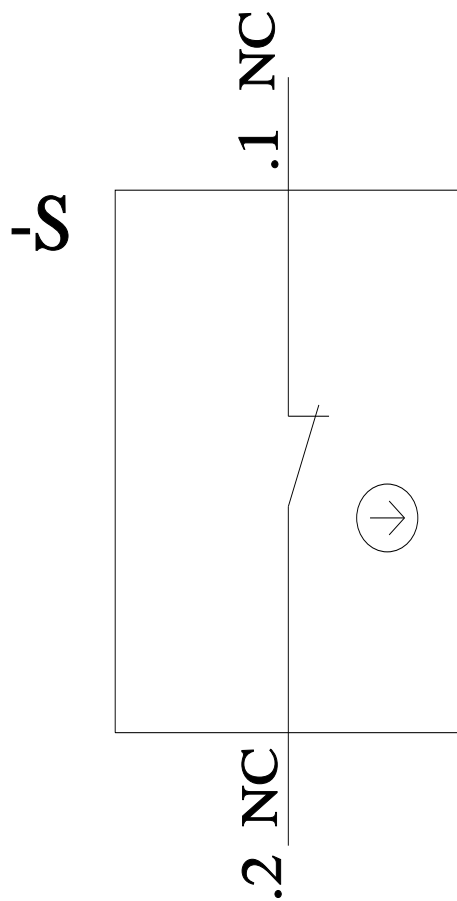
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0AE00-2AB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-0AE00-2AB1&lang=en





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