



Figure similar

ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND,
ENCLOSURE MATERIAL METAL, ENCLOSURE TOP PART GRAY,
1 COMMAND POINT METAL, A=PUSHBUTTON WHITE, 1NO,
SCREW TERMINAL, BASE MOUNTING, LABEL: I, TOP AND
BOTTOM 1 X M20 EACH

Product brand name	SIRIUS ACT
Product designation	Enclosures
Product type designation	3SU1
Manufacturer's article number	
• of supplied contact module	A2 = 3SU1400-2AA10-1BA0
• of supplied contact module at the command point A 2	3SU1400-2AA10-1BA0
• of the supplied holder	A = 3SU1550-0AA10-0AA0
• of the supplied holder at the command point A	3SU1550-0AA10-0AA0
• of the supplied actuator	3SU1050-0AB60-0AA0
• of the supplied actuator at the command point A	3SU1050-0AB60-0AA0
• of supplied empty enclosure	3SU1851-0AA00-0AB1
• of supplied accessory	A = 3SU1900-0AF16-0QB0
• of the supplied accessories at the command point A	3SU1900-0AF16-0QB0

Enclosure

Design of the housing	with recess for label
Shape of the enclosure front	Square
Material of the enclosure	metal
Number of command points	1
Product component	
• EMERGENCY STOP device	No
• protective collar	No
Color	
• of top part of the enclosure	grey
Delivery state	
• as a kit	No
• pre-wired on strip terminal	No
Mounting type of the enclosure	Vertical

Actuator	
Design of the operating mechanism	Pushbutton
Suitability for use EMERGENCY OFF switch	No
Product feature	
• lockout	No
Product extension optional Light source	No
Color	
• of the actuating element	Green
Material of the actuating element	plastic
Shape of the actuating element	round
Number of contact modules	1

Front ring	
Product component front ring	Yes
Design of the front ring	Standard
Material of the front ring	Metal, high gloss
Color of the front ring	silver

Holder	
Material of the holder	Metal

Display	
Number of LED modules	0

General technical data	
Product function	
• positive opening	No
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
Protection class IP	IP66, IP67, IP69(IP69K)
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance	

• acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373	Sinusoidal half-wave 50 g / 11 ms Category 1, Class B
Vibration resistance	
• acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373	10 ... 500 Hz: 5g Category 1, Class B
Equipment marking	
• acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2	S 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

Main circuit

Operating voltage	
• at AC — at 50 Hz rated value — at 60 Hz rated value • at DC — rated value	5 ... 500 V 5 ... 500 V 5 ... 500 V

Auxiliary circuit

Design of the contact of auxiliary contacts	Silver alloy
Number of NC contacts	
• for auxiliary contacts	0
Number of NO contacts	
• for auxiliary contacts	1
Number of CO 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 mounting screws in the enclosure cover	1.5 ... 1.7 N·m
Tightening torque	
• with screw-type terminals	0.8 ... 0.9 N·m

Interfaces

Design of the interface	
• for communication	without

Ambient conditions

Ambient temperature	
----------------------------	--

- during operation
- during storage

-25 ... +70 °C

-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

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

Certificates/approvals

General Product Approval

Declaration of Conformity



CCC



CSA



UL



VDE



EG-Konf.

Test Certificates

Shipping Approval

[Declaration of the Compliance with the order](#)

[Special Test Certificate](#)



ABS



LRS



PRS



RINA

Shipping Approval

other

[Confirmation](#)



RMRS

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?mlfb=3SU1851-0AD00-2AB1>

Cax online generator

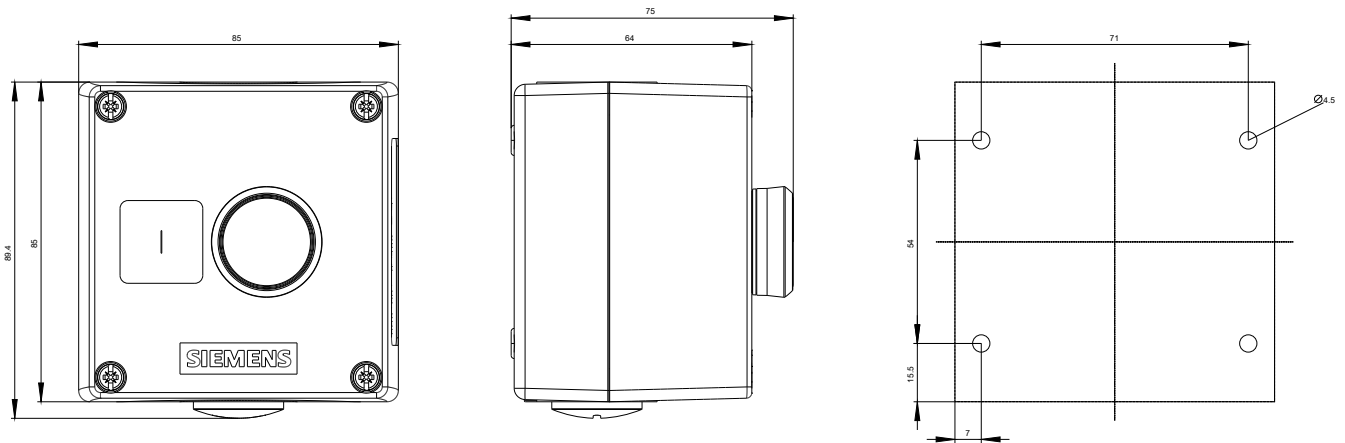
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-0AD00-2AB1>

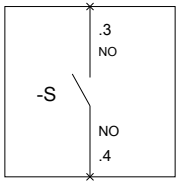
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0AD00-2AB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-0AD00-2AB1&lang=en





SIEMENS

3SU18.1.(AB,AD)0_01_4_IEC_V.DXF

Format / Size: Hybrid quer

last modified:

07/10/2017