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Data sheet 3SU1801-0AE00-2AB1

Figure similar

Enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part gray, 1 control point plastic, Recess for label, A=pushbutton black label: O 1 NC, screw terminal, Floor mounting

Product brand name	SIRIUS ACT
Product designation	Enclosures
Product type designation	3SU1
Manufacturer's article number	
• of supplied contact module	A1 = 3SU1400-2AA10-1CA0
• of supplied contact module at the command point A 1	3SU1400-2AA10-1CA0
• of the supplied holder	A = 3SU1500-0AA10-0AA0
• of the supplied holder at the command point A	3SU1500-0AA10-0AA0
• of the supplied actuator	3SU1000-0AB10-0AA0
• of the supplied actuator at the command point A	3SU1000-0AB10-0AA0
• of supplied empty enclosure	3SU1801-0AA00-0AB1
• of supplied accessory	A = 3SU1900-0AF16-0QA0
• of the supplied accessories at the command point A	3SU1900-0AF16-0QA0

Enclosure

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Design of the housing	with recess for label
Shape of the enclosure front	Square
Material of the enclosure	plastic
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	black
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	plastic
Color of the front ring	black

Holder

Material of the holder	Plastic

Display

Number of LED modules	0

General technical data

Product function	
• positive opening	Yes
• 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, 12K, 13
Shock resistance	

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

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
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	-25 ... +70 °C
• during storage	-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)

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Installation/ mounting/ dimensions

Mounting type	
• of modules and accessories	Floor mounting
Height	85 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 = O
Color of the label	A = black

Certificates/approvals

General Product Approval | **Declaration of Conformity**

CCC CSA UL VDE EAC EG-Konf.

Test Certificates

Special Test Certificate | Type Test Certificates/Test Report

Marine / Shipping

ABS LRS PRS RINA

Marine / Shipping

RMRS

other

Confirmation

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=3SU1801-0AE00-2AB1

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0AE00-2AB1

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0AE00-2AB1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0AE00-2AB1&lang=en

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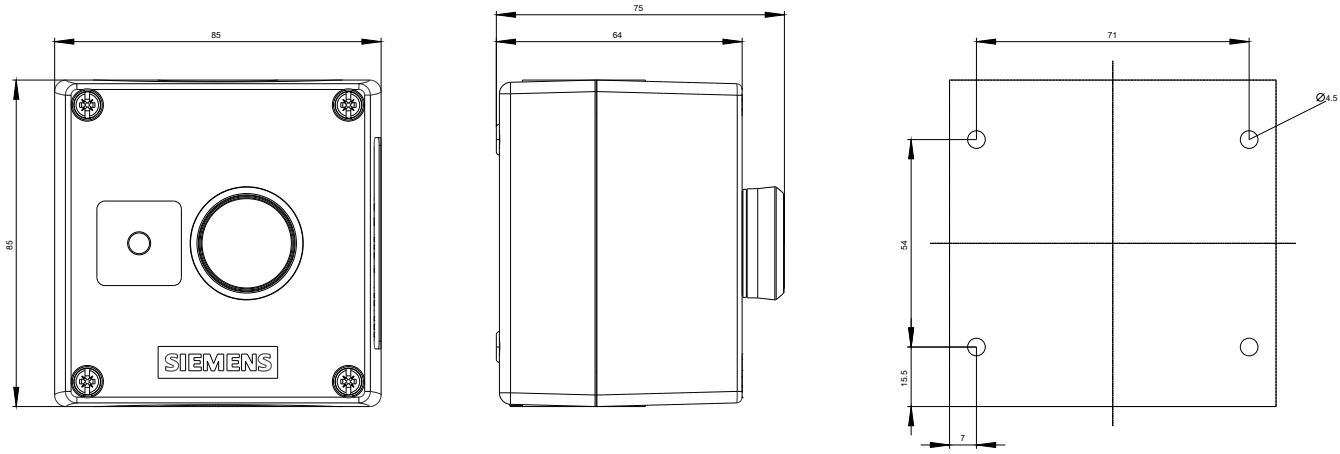

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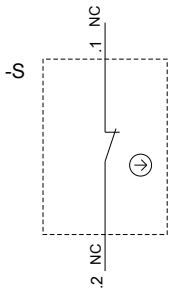

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