

ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, ENCLOSURE TOP PART GRAY, 1 COMMAND POINT, A=PUSH-PULL SWITCH RED, METAL, 30MM, 1NC, SPRING-TYPE TERMINAL, BASE MOUNTING, SUPPORT TERMINAL, CUSTOMIZED LABEL, TOP AND BOTTOM 1 X M20 EACH, OFFER 47081

Product brand name	SIRIUS ACT
Product designation	Enclosures
Product type designation	3SU1
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 support terminal • of supplied support terminal at the command point A	A1 = 3SU1400-2AA10-3CA0 3SU1400-2AA10-3CA0 A = 3SU1550-0AA10-0AA0 3SU1550-0AA10-0AA0 3SU1050-1AA20-0AA0 3SU1050-1AA20-0AA0 3SU1801-0AA00-0AB1 A4 = 3SU1400-4DA43-3AA0 3SU1400-4DA43-3AA0

Enclosure

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 • protective collar	No No
Color	
• of top part of the enclosure	grey
Delivery state	
• as a kit • pre-wired on strip terminal	No No
Mounting type of the enclosure	Vertical

Actuator

Design of the operating mechanism	Pushbutton
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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
Type of unlocking device	A = pull-to-unlatch mechanism

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
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Display

Number of LED modules	0
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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, 12K
Shock resistance	
• 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
Equipment marking	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 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

Main circuit

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	Spring-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

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)

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 = I
Color of the label	A = black

Certificates/approvals

General Product Approval	Declaration of Conformity
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CCC



CSA



UL



VDE



EG-Konf.

Test Certificates	Marine / Shipping
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[Declaration of the Compliance with the order](#)

[Special Test Certificate](#)



ABS



LRS



PRS



RINA

Marine / Shipping	other
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RMRS



DNVGL.COM/AF

[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=3SU1801-0BC00-4AB1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0BC00-4AB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0BC00-4AB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0BC00-4AB1&lang=en

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