

Enclosure for command devices, 22 mm, round, enclosure material plastic, enclosure top part gray, 1 command point metal, recess for label, A=Black pushbutton, black label: Reset, 1 NO, screw terminal, front plate mounting, 1xM20 each on top and bottom, label glued in

Product brand name	SIRIUS ACT
Product designation	Enclosures
Product type designation	3SU1
Manufacturer's article number	
<ul style="list-style-type: none"> • 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 	<p>A1 = 3SU1400-1AA10-1BA0 3SU1400-1AA10-1BA0</p> <p>A = 3SU1550-0AA10-0AA0 3SU1550-0AA10-0AA0</p> <p>A = 3SU1050-0AB10-0AA0 3SU1050-0AB10-0AA0</p> <p>3SU1801-0AA00-0AB1</p> <p>A = 3SU1900-0AF16-0DU0 3SU1900-0AF16-0DU0</p>

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	
<ul style="list-style-type: none"> • EMERGENCY STOP device • protective collar 	<p>No</p> <p>No</p>
Color	
<ul style="list-style-type: none"> • of top part of the enclosure 	grey
Delivery state	
<ul style="list-style-type: none"> • as a kit • pre-wired on strip terminal 	<p>No</p> <p>No</p>
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	metal
Shape of the actuating element	round
Number of contact modules	1
Type of unlocking device	A = without

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, 13
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
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	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
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	0
Number of NO contacts for auxiliary contacts	1

Connections/ Terminals	
Type of electrical connection	Screw-type terminal
<ul style="list-style-type: none"> of modules and accessories 	
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	without
<ul style="list-style-type: none"> for communication 	

Ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> during operation 	-25 ... +70 °C
<ul style="list-style-type: none"> 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	Front plate mounting
<ul style="list-style-type: none"> of modules and accessories 	
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 = "Reset"
Color of the label	A = black
Number of inscription plates	0
Number of backing plates	0

Certificates/ approvals

General Product Approval	Declaration of Conformity
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[Miscellaneous](#)

Declaration of Conformity	Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)



Marine / Shipping	other
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[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

www.siemens.com/ic10

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1801-0AN00-1AB1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0AN00-1AB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0AN00-1AB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0AN00-1AB1&lang=en

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