



Enclosure for command devices, 22 mm, round, enclosure material plastic, enclosure top part grey, 1 control point metal, recess for label, A=Black pushbutton, label, black, with inscription: 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
equipment of commanding and signaling device	A = Pushbutton
manufacturer's article number	
<ul style="list-style-type: none"> • of supplied contact module at the command point A 1 • of the supplied holder at the command point A • of the supplied actuator at the command point A • of supplied empty enclosure • of the supplied accessories at the command point A 	3SU1400-1AA10-1BA0 3SU1550-0AA10-0AA0 3SU1050-0AB10-0AA0 3SU1801-0AA00-0AB1 3SU1900-0AF16-0DU0
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 	No No
color of the enclosure top part	grey
delivery state	
<ul style="list-style-type: none"> • as a kit • pre-wired on strip terminal 	No No
fastening method of the enclosure	Vertical
Actuator	
design of the actuating element	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	Plastic
Display	
number of LED modules	0
General technical data	
product function	
<ul style="list-style-type: none"> • positive opening • EMERGENCY OFF function • EMERGENCY STOP function 	No No No

protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
<ul style="list-style-type: none"> ● according to IEC 60068-2-27 ● for railway applications according to EN 61373 	sinusoidal half-wave 15g / 11 ms Category 1, Class B
vibration resistance	
<ul style="list-style-type: none"> ● according to IEC 60068-2-6 ● for railway applications according to EN 61373 	10 ... 500 Hz: 5g 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
Net Weight	308 g
operating voltage	
<ul style="list-style-type: none"> ● at AC <ul style="list-style-type: none"> — at 50 Hz rated value — at 60 Hz rated value ● at DC rated value 	5 ... 500 V 5 ... 500 V 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	0
number of NO contacts for auxiliary contacts	1
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
Ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> ● during operation ● during storage 	-25 ... +70 °C -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	Front plate 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 = "Reset"
color of the label	A = black
number of inscription plates	0
number of backing plates	0
Approvals Certificates	
Environmental Product Declaration	
<ul style="list-style-type: none"> ● global warming potential [CO2 eq] / during manufacturing ● global warming potential [CO2 eq] / during operation ● global warming potential [CO2 eq] / after end of life ● global warming potential [CO2 eq] / total 	0.566 kg 0.235 kg -0.0145 kg 0.787 kg
Environment	General Product Approval



[Environmental Con-
firmations](#)



General Product Approval

Test Certificates

Maritime application



[Type Test Certificates/Test Report](#)



Maritime application

other



[Confirmation](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1801-0AN00-1AB1>

Cax online generator

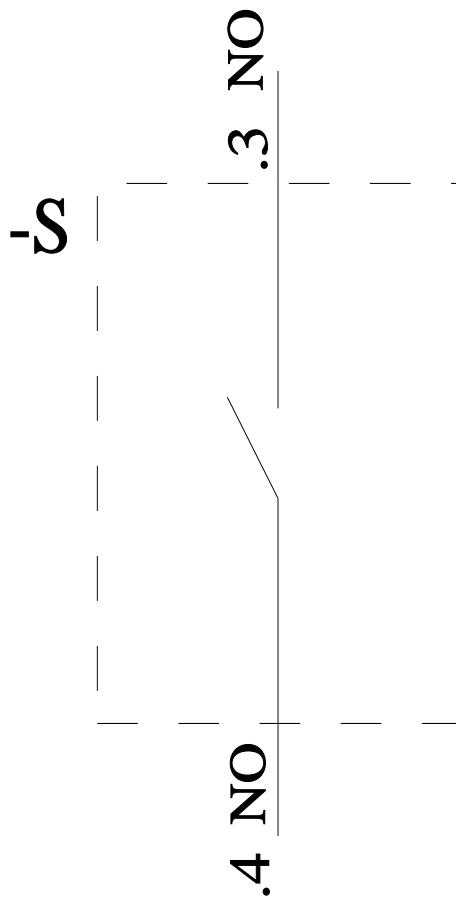
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0AN00-1AB1>

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, ...)

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



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