



Enclosure for command devices, 22 mm, round, enclosure material metal, enclosure top part gray, 1 control point metal, A=Mushroom pushbutton, black, 40 mm, momentary contact type, 1 NO, spring-loaded terminal, floor mounting, silver label, black font, with graphic symbol: Autoplay, M12 connector (5-pin) bottom, insulated reserve conductors Label glued in

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
equipment of commanding and signaling device	A = mushroom pushbutton
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 	<ul style="list-style-type: none"> A1 = 3SU1400-2AA10-3BA0 3SU1400-2AA10-3BA0 A = 3SU1550-0AA10-0AA0 3SU1550-0AA10-0AA0 A = 3SU1050-1BD10-0AA0 3SU1050-1BD10-0AA0 3SU1851-0AA00-0AB1 A = 3SU1900-0AF81-0AZ0 Q9Y 3SU1900-0AF81-0AZ0 Q9Y
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	
<ul style="list-style-type: none"> EMERGENCY STOP device protective collar 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> No Yes
fastening method of the enclosure	Vertical
Actuator	
design of the actuating element	mushromm 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
type of unlocking device	A = without
Front ring	

product component front ring	No
Holder	
material of the holder	Plastic
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	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	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)	07/01/2006
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
cable entry type	M12 plug, 5-pole
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	Spring-type terminal
type of electrical connection on enclosure	M12 connector, 5-pole
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	
• during operation	-25 ... +70 °C
• during storage	-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	Floor mounting
height	89.4 mm
width	85 mm
depth	75 mm
shape of the installation opening	round
Accessories	
number of labels	1
color of the label	A = silver
number of inscription plates	0
Certificates/ approvals	
General Product Approval	



[Confirmation](#)



Declaration of Conformity

Test Certificates

Marine / Shipping



EG-Konf.

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS

Marine / Shipping

other



RINA



RMRS

[Confirmation](#)

[Environmental Confirmations](#)

Further information

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=3SU1851-0AH00-4NB1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-0AH00-4NB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0AH00-4NB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-0AH00-4NB1&lang=en

last modified:

1/26/2022