



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

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Enclosures
<b>product type designation</b>	3SU1
<b>equipment of commanding and signaling device</b>	A = mushroom pushbutton
<b>manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>of supplied contact module</li> <li>of supplied contact module at the command point A 1</li> <li>of the supplied holder</li> <li>of the supplied holder at the command point A</li> <li>of the supplied actuator</li> <li>of the supplied actuator at the command point A</li> <li>of supplied empty enclosure</li> <li>of supplied accessory</li> <li>of the supplied accessories at the command point A</li> </ul>	<ul style="list-style-type: none"> <li>A1 = 3SU1400-2AA10-3BA0 <a href="#">3SU1400-2AA10-3BA0</a></li> <li>A = 3SU1550-0AA10-0AA0 <a href="#">3SU1550-0AA10-0AA0</a></li> <li>A = 3SU1050-1BD10-0AA0 <a href="#">3SU1050-1BD10-0AA0</a></li> <li><a href="#">3SU1851-0AA00-0AB1</a></li> <li>A = 3SU1900-0AF81-0AZ0 Q9Y <a href="#">3SU1900-0AF81-0AZ0 Q9Y</a></li> </ul>
<b>Enclosure</b>	
<b>design of the housing</b>	with recess for label
<b>shape of the enclosure front</b>	Square
<b>material of the enclosure</b>	metal
<b>number of command points</b>	1
<b>product component</b>	
<ul style="list-style-type: none"> <li>EMERGENCY STOP device</li> <li>protective collar</li> </ul>	<ul style="list-style-type: none"> <li>No</li> <li>No</li> </ul>
color of the enclosure top part	grey
<b>delivery state</b>	
<ul style="list-style-type: none"> <li>as a kit</li> <li>pre-wired on strip terminal</li> </ul>	<ul style="list-style-type: none"> <li>No</li> <li>Yes</li> </ul>
<b>fastening method of the enclosure</b>	Vertical
<b>Actuator</b>	
<b>design of the actuating element</b>	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
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>number of contact modules</b>	1
<b>type of unlocking device</b>	A = without
<b>Front ring</b>	

<b>product component front ring</b>	No
<b>Holder</b>	
<b>material of the holder</b>	Plastic
<b>Display</b>	
<b>number of LED modules</b>	0
<b>General technical data</b>	
<b>product function</b>	
• positive opening	No
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
<b>protection class IP</b>	IP66, IP67, IP69(IP69K)
<b>degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12, 13
<b>shock resistance</b>	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
<b>vibration resistance</b>	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
<b>reference code according to IEC 81346-2</b>	S
<b>continuous current of the C characteristic MCB</b>	for a short-circuit current smaller than 400 A
<b>continuous current of the quick DIAZED fuse link</b>	10 A
<b>continuous current of the DIAZED fuse link gG</b>	10 A
<b>Substance Prohibitance (Date)</b>	07/01/2006
<b>operating voltage</b>	
• 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
<b>cable entry type</b>	M12 plug, 5-pole
<b>Communication/ Protocol</b>	
design of the interface for communication	without
<b>Auxiliary circuit</b>	
<b>design of the contact of auxiliary contacts</b>	Silver alloy
<b>number of NC contacts for auxiliary contacts</b>	0
<b>number of NO contacts for auxiliary contacts</b>	1
<b>Connections/ Terminals</b>	
type of electrical connection of modules and accessories	Spring-type terminal
<b>type of electrical connection on enclosure</b>	M12 connector, 5-pole
<b>tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m
<b>tightening torque of fixing screws in the enclosure cover</b>	1.5 ... 1.7 N·m
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• 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)
<b>Installation/ mounting/ dimensions</b>	
fastening method of modules and accessories	Floor mounting
<b>height</b>	89.4 mm
<b>width</b>	85 mm
<b>depth</b>	75 mm
<b>shape of the installation opening</b>	round
<b>Accessories</b>	
<b>number of labels</b>	1
<b>color of the label</b>	A = silver
<b>number of inscription plates</b>	0
<b>Certificates/ approvals</b>	
<b>General Product Approval</b>	



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

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