



Pushbutton, 22 mm, round, plastic, black, pushbutton, flat, momentary contact type, with holder, 1 NO, screw terminal

product brand name	SIRIUS ACT
product designation	Pushbuttons
design of the product	Complete unit
product type designation	3SU1
product line	Plastic, black, 22 mm
manufacturer's article number	
• of supplied contact module at position 1	<a href="#">3SU1400-1AA10-1BA0</a>
• of the supplied holder	<a href="#">3SU1550-0AA10-0AA0</a>
• of the supplied actuator	<a href="#">3SU1000-0AB10-0AA0</a>
number of command points	1

### Actuator

design of the actuating element	Button, flat
principle of operation of the actuating element	momentary contact type
product extension optional light source	No
color of the actuating element	black
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.45 mm
number of contact modules	1

### 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
product component light source	No
insulation voltage rated value	500 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
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

<b>vibration resistance</b>		
<ul style="list-style-type: none"> <li>• according to IEC 60068-2-6</li> <li>• for railway applications according to EN 61373</li> </ul>		10 ... 500 Hz: 5g Category 1, Class B
<b>operating frequency maximum</b>		3 600 1/h
<b>mechanical service life (operating cycles) typical</b>		10 000 000
<b>electrical endurance (operating cycles) typical</b>		10 000 000
<b>thermal current</b>		10 A
<b>reference code according to IEC 81346-2</b>		S
<b>continuous current of the C characteristic MCB</b>		10 A; 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>		10/01/2014
<b>operating voltage</b>		
<ul style="list-style-type: none"> <li>• at AC</li> </ul>		
— at 50 Hz rated value		5 ... 500 V
— at 60 Hz rated value		5 ... 500 V
<ul style="list-style-type: none"> <li>• at DC rated value</li> </ul>		5 ... 500 V
<b>Power Electronics</b>		
<b>contact reliability</b>		One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
<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>		
<b>type of electrical connection</b>		screw-type terminals
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>		Screw-type terminal
<b>type of connectable conductor cross-sections</b>		
<ul style="list-style-type: none"> <li>• solid with core end processing</li> <li>• solid without core end processing</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> <li>• at AWG cables</li> </ul>		2x (0.5 ... 0.75 mm <sup>2</sup> ) 2x (1.0 ... 1.5 mm <sup>2</sup> ) 2x (0.5 ... 1.5 mm <sup>2</sup> ) 2x (1.0 ... 1.5 mm <sup>2</sup> ) 2x (18 ... 14)
<b>tightening torque of the screws in the bracket</b>		1 ... 1.2 N·m
<b>tightening torque with screw-type terminals</b>		0.8 ... 0.9 N·m
<b>Ambient conditions</b>		
<b>ambient temperature</b>		
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>		-25 ... +70 °C -40 ... +80 °C
<b>environmental category during operation according to IEC 60721</b>		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>		
<b>fastening method</b>		front plate mounting
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>		Front plate mounting
<b>height</b>		40 mm
<b>width</b>		30 mm
<b>shape of the installation opening</b>		round
<b>mounting diameter</b>		22.3 mm
<b>positive tolerance of installation diameter</b>		0.4 mm
<b>mounting height</b>		11 mm
<b>installation width</b>		29.5 mm
<b>installation depth</b>		49.7 mm
<b>Certificates/ approvals</b>		
<b>General Product Approval</b>		<b>Declaration of Conformity</b>



[Confirmation](#)



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

[Special Test Certificate](#)



Marine / Shipping	other	Environment
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[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

**Siemens has decided to exit the Russian market (see here).**

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

**Siemens is working on the renewal of the current EAC certificates.**

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

**Information on the packaging**

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

**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=3SU1100-0AB10-1BA0>

**Cax online generator**

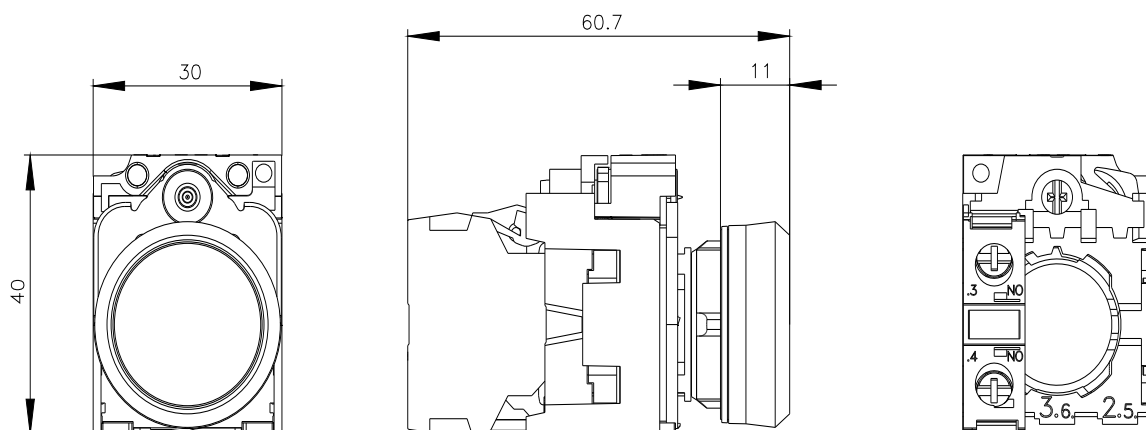
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB10-1BA0>

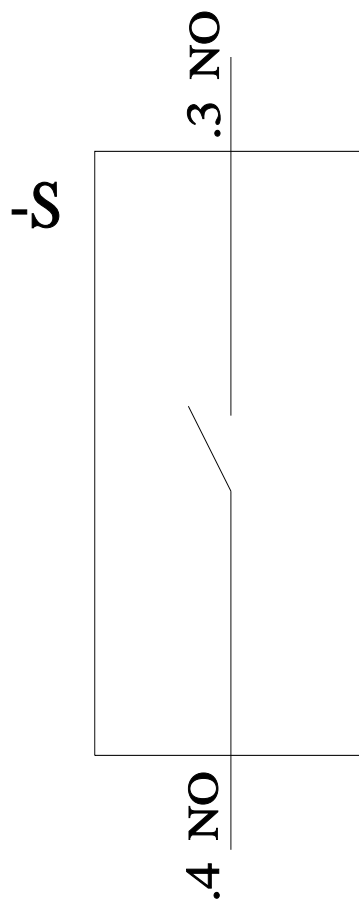
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB10-1BA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1100-0AB10-1BA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-0AB10-1BA0&lang=en)





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