

Pushbutton, 22 mm, round, metal, shiny, white, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, Spring-type terminal



<b>Product brand name</b>	SIRIUS ACT
<b>Product designation</b>	Pushbuttons
<b>Design of the product</b>	Complete unit
<b>Product type designation</b>	3SU1
<b>Manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>• 1 of supplied contact module</li> <li>• of the supplied holder</li> <li>• of the supplied actuator</li> </ul>	<a href="#">3SU1400-1AA10-3FA0</a> <a href="#">3SU1550-0AA10-0AA0</a> <a href="#">3SU1050-0AB60-0AA0</a>
<b>Number of command points</b>	1

Actuator	
<b>Design of the operating mechanism</b>	Button, flat
<b>Manner of function of the actuating element</b>	Momentary contact type
<b>Product extension optional Light source</b>	No
<b>Color</b>	
<ul style="list-style-type: none"> <li>• of the actuating element</li> </ul>	White
<b>Material of the actuating element</b>	plastic
<b>Shape of the actuating element</b>	round
<b>Outer diameter of the actuating element</b>	29.45 mm
<b>Number of contact modules</b>	1

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	
<b>Product function</b>	
• positive opening	Yes
<b>Product component</b>	
• Light source	No
<b>Insulation voltage</b>	
• rated value	500 V
<b>Degree of pollution</b>	3
<b>Type of voltage</b>	
• of the operating voltage	AC/DC
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
<b>Degree of protection NEMA rating</b>	NEMA 1, 2, 3, 3R, 4, 4X, 12, 13
<b>Shock resistance</b>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
<b>Operating frequency maximum</b>	3 600 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	10 000 000
<b>Electrical endurance (switching cycles)</b>	
• typical	10 000 000
<b>Thermal current</b>	10 A
<b>Reference code acc. to DIN EN 81346-2</b>	S
<b>Reference code acc. to DIN EN 61346-2</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>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

## Power Electronics

### (contact reliability)

One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)

## Auxiliary circuit

**Design of the contact of auxiliary contacts** Silver alloy

**Number of NC contacts for auxiliary contacts** 1

**Number of NO contacts for auxiliary contacts** 1

### Number of CO contacts

• for auxiliary contacts 0

## Connections/Terminals

### Type of electrical connection

• of modules and accessories Spring-type terminal

### Type of connectable conductor cross-sections

- solid without core end processing 2x (0.25 ... 1.5 mm<sup>2</sup>)
- finely stranded with core end processing 2x (0.25 ... 0.75 mm<sup>2</sup>)
- finely stranded without core end processing 2x (0.25 ... 1.5 mm<sup>2</sup>)
- at AWG conductors 2x (24 ... 16)

**Tightening torque of the screws in the bracket** 1 ... 1.2 N·m

## Ambient conditions

### Ambient temperature

- during operation -25 ... +70 °C
- 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 mounting
- Mounting type of modules and accessories Front plate mounting

**(height)** 40 mm

**Width** 30 mm

**Shape of the installation opening** round

**(mounting diameter)** 22.3 mm

**Positive tolerance of installation diameter** 0.4 mm

**Mounting height** 11 mm

**Installation width** 29.5 mm

**Installation depth** 71.7 mm

## Certificates/approvals

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

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,...)**

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1150-0AB60-3FA0>

**Cax online generator**

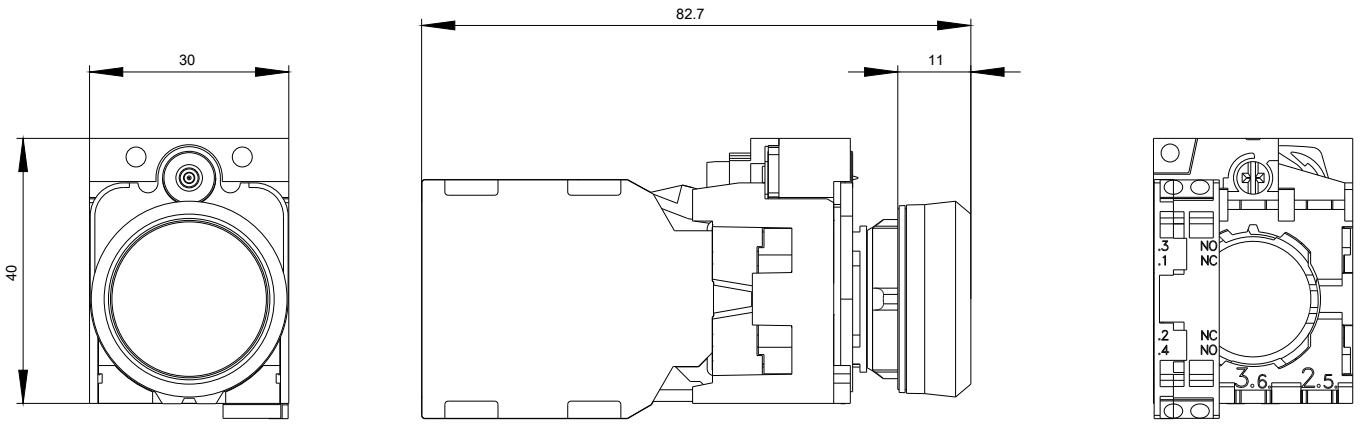
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0AB60-3FA0>

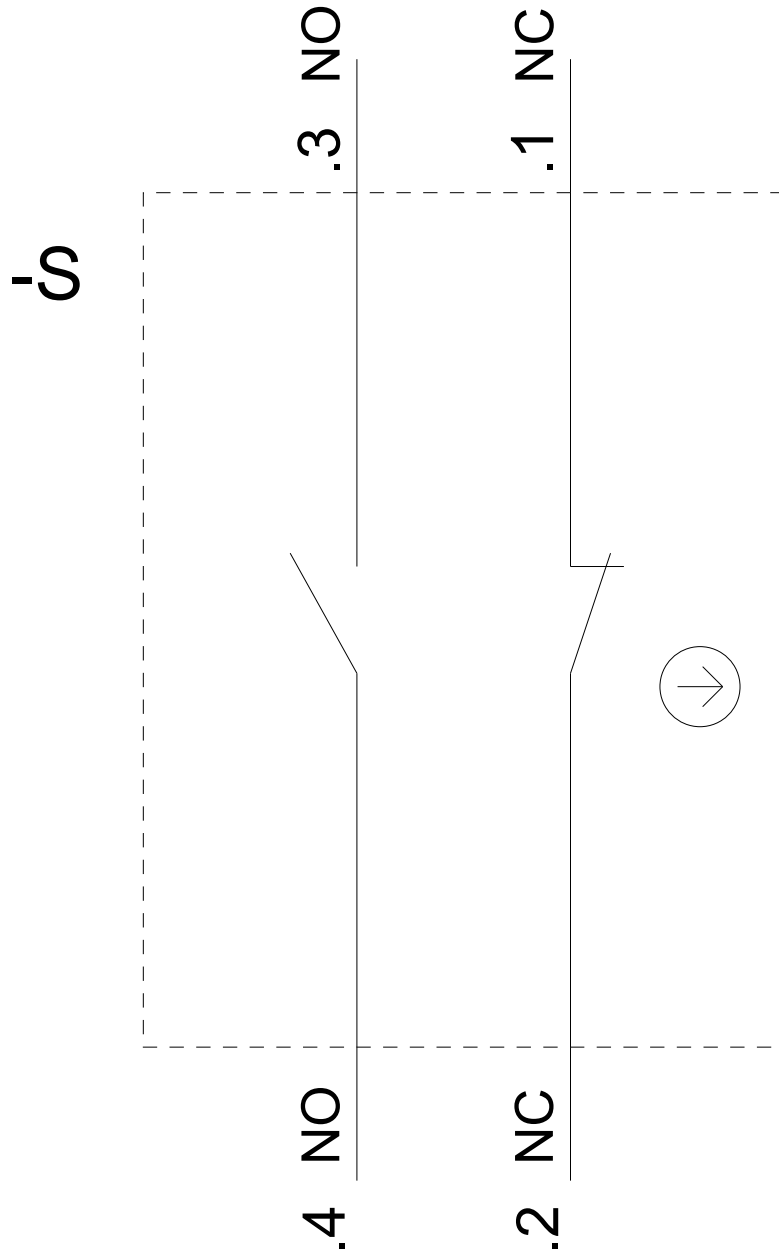
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-0AB60-3FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1150-0AB60-3FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-0AB60-3FA0&lang=en)





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