

Pushbutton, 22 mm, round, metal, shiny, black, pushbutton, flat, latching, Push-to-release mechanism



Product brand name	SIRIUS ACT
Product designation	Pushbuttons
Design of the product	Actuating/signaling element
Product type designation	3SU1
Product line	Metal, shiny, 22 mm

Enclosure	
Number of command points	1

Actuator	
Design of the operating mechanism	Flat button
Manner of function of the actuating element	latching
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	29.5 mm
Type of unlocking device	push-to-unlatch mechanism

Front ring	
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<b>Product component front ring</b>	Yes
<b>Design of the front ring</b>	Standard
<b>Material of the front ring</b>	Metal, high gloss
<b>Color of the front ring</b>	silver

#### General technical data

<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>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
<b>Operating frequency maximum</b>	1 800 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	500 000
<b>Reference code acc. to DIN EN 81346-2</b>	S
<b>Reference code acc. to DIN EN 61346-2</b>	S





#### Ambient conditions

<b>Ambient temperature</b>	
• 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 %)

#### Installation/ mounting/ dimensions

<b>Height</b>	29.5 mm
<b>Width</b>	29.5 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>	24.3 mm

#### Certificates/ approvals

General Product Approval			Declaration of Conformity	Test Certificates
 CSA	 UL		 EG-Konf.	<a href="#">Miscellaneous</a> <a href="#">Type Test Certificates/Test Report</a>

Test Certificates	Marine / Shipping				
<a href="#">Special Test Certificate</a>	 ABS	 LRS	 PRS	 RINA	 RMRS

Marine / Shipping	other
	<a href="#">Confirmation</a>

**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=3SU1050-0AA10-0AA0>
- Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-0AA10-0AA0>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-0AA10-0AA0>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1050-0AA10-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-0AA10-0AA0&lang=en)



last modified:

03/25/2020