

Illuminated pushbutton, 22 mm, round, plastic, red, pushbutton, flat, latching, Push-to-release mechanism



Product brand name	SIRIUS ACT
Product designation	Illuminated pushbuttons
Design of the product	Actuating/signaling element
Product type designation	3SU1

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	Yes
Color	
• of the actuating element	Red
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	
Product component front ring	Yes

Design of the front ring	Standard
Material of the front ring	plastic
Color of the front ring	black

### General technical data

Protection class IP	IP66, IP67, IP69(IP69K)
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12, 13
Shock resistance	<ul style="list-style-type: none"> <li>acc. to IEC 60068-2-27 Sinusoidal half-wave 50 g / 11 ms</li> <li>for railway applications acc. to DIN EN 61373 Category 1, Class B</li> </ul>
Operating frequency maximum	1 800 1/h
Mechanical service life (switching cycles)	<ul style="list-style-type: none"> <li>typical 500 000</li> </ul>
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S

### Ambient conditions

Ambient temperature	<ul style="list-style-type: none"> <li>during operation -25 ... +70 °C</li> <li>during storage -40 ... +80 °C</li> </ul>
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %)

### Installation/ mounting/ dimensions

(height)	29.5 mm
Width	29.5 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	24.3 mm

### Certificates/approvals

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

[Special Test Certificate](#)

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=3SU1001-0AA20-0AA0>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-0AA20-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-0AA20-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1001-0AA20-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-0AA20-0AA0&lang=en)



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