

Illuminated twin pushbutton, 22 mm, round, metal, shiny, green, red, pushbuttons, flat, with laser labeling, upper case and lower case, always upper case at beginning of line



Product brand name	SIRIUS ACT
Product designation	Twin 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 buttons, illuminated
Manner of function of the actuating element	momentary contact type
Product extension optional Light source	Yes
Color	
• of the actuating element	green / red
Material of the actuating element	plastic
Shape of the actuating element	oval
Marking of the actuating element	Customized labeling, text in lower case / capital letters, all lines start with capital letter

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>	Sinusoidal half-wave 50 g / 11 ms
• acc. to IEC 60068-2-27	
<b>Vibration resistance</b>	10 ... 500 Hz: 5g
• acc. to IEC 60068-2-6	
<b>Operating frequency maximum</b>	3 600 1/h
<b>Mechanical service life (switching cycles)</b>	2 000 000
• typical	
<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>	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %)
• during operation	
• during storage	
Environmental category during operation acc. to IEC 60721	

#### Installation/ mounting/ dimensions

<b>Height</b>	57.9 mm
<b>Width</b>	29.9 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>	14.4 mm
<b>Installation width</b>	29.9 mm
<b>Installation depth</b>	25.7 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=3SU1051-3AB42-0AA0-Z Y10>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-3AB42-0AA0-Z Y10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-3AB42-0AA0-Z Y10>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1051-3AB42-0AA0-Z Y10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-3AB42-0AA0-Z Y10&lang=en)

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