



Illuminated mushroom pushbutton, 22 mm, round, plastic with metal front ring, clear, 30 mm, momentary contact type, with laser labeling, upper case and lower case, always upper case at beginning of line

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Mushroom pushbuttons
<b>design of the product</b>	Actuating/signaling element
<b>product type designation</b>	3SU1
<b>product line</b>	Plastic with metal front ring, matt, 22 mm
<b>Enclosure</b>	
<b>number of command points</b>	1
<b>Actuator</b>	
<b>design of the actuating element</b>	illuminated
<b>principle of operation of the actuating element</b>	momentary contact type
<b>product extension optional light source</b>	Yes
<b>color of the actuating element</b>	clear
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>outer diameter of the actuating element</b>	30 mm
<b>marking of the actuating element</b>	Customized labeling, text in lower case / capital letters, all lines start with capital letter
<b>number of switching positions</b>	2
<b>Front ring</b>	
<b>product component front ring</b>	Yes
<b>design of the front ring</b>	Standard
<b>material of the front ring</b>	Metal, matt
<b>color of the front ring</b>	sand gray
<b>General technical data</b>	
<b>product function</b>	
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
<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>	
• 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>	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
<b>operating frequency maximum</b>	3 600 1/h
<b>mechanical service life (switching cycles) typical</b>	3 000 000
<b>reference code according to IEC 81346-2</b>	S
<b>Substance Prohibitance (Date)</b>	10/01/2014

Ambient conditions	
<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
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)
Installation/ mounting/ dimensions	
<b>height</b>	30 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>	27.5 mm
<b>installation width</b>	30 mm
<b>installation depth</b>	24.4 mm
Certificates/ approvals	
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=3SU1031-1AD70-0AA0-Z Y10>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-1AD70-0AA0-Z Y10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-1AD70-0AA0-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=3SU1031-1AD70-0AA0-Z Y10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-1AD70-0AA0-Z Y10&lang=en)

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