

Siemens  
EcoTech



Illuminated pushbutton, 22 mm, round, plastic, green, pushbutton, flat, latching, Push-to-release mechanism, with laser labeling, upper case and lower case, always upper case at beginning of line



product brand name	SIRIUS ACT
product designation	Illuminated pushbuttons
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Plastic, black, 22 mm
<b>Enclosure</b>	
number of command points	1
<b>Actuator</b>	
design of the actuating element	Flat button
principle of operation of the actuating element	latching
product extension optional	
• light source	Yes
• contact module	Yes
color of the actuating element	green
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.5 mm
marking of the actuating element	Customized labeling, text in lower case / capital letters, all lines start with capital letter
type of unlocking device	push-to-unlatch mechanism
<b>Front ring</b>	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	plastic
color of the front ring	black
<b>General technical data</b>	
protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
operating frequency maximum	1 800 1/h
mechanical service life (operating cycles) typical	500 000
reference code according to IEC 81346-2	S

Substance Prohibition (Date)		10/01/2014
Ambient conditions		
ambient temperature		
● during operation		-25 ... +70 °C
● during storage		-40 ... +80 °C
environmental category during operation according to IEC 60721		3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)
Environmental footprint		
Environmental Product Declaration (EPD)		Yes
Global Warming Potential [CO2 eq] total		0.787 kg
Global Warming Potential [CO2 eq] during manufacturing		0.566 kg
Global Warming Potential [CO2 eq] during operation		0.235 kg
Global Warming Potential [CO2 eq] after end of life		-0.015 kg
Siemens Eco Profile (SEP)		Siemens EcoTech
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
Approvals Certificates		
General Product Approval		other
		Environment



[Confirmation](#)

[Confirmation](#)

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firmations](#)

Further information
Information on the packaging <a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a>
Information- and Downloadcenter (Catalogs, Brochures,...) <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>
Industry Mall (Online ordering system) <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1001-0AA40-0AA0-Z Y10">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1001-0AA40-0AA0-Z Y10</a>
Cax online generator <a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1001-0AA40-0AA0-Z Y10">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1001-0AA40-0AA0-Z Y10</a>
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) <a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-0AA40-0AA0-Z Y10">https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-0AA40-0AA0-Z Y10</a>
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-0AA40-0AA0-Z Y10&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-0AA40-0AA0-Z Y10&amp;lang=en</a>

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