



Pushbutton, compact, with extended stroke (12 mm), 22 mm, round, plastic with metal front ring, green, pushbutton, flat, momentary contact type, with holder, with laser labeling, upper case

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Pushbuttons
<b>design of the product</b>	Complete unit
<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>	Flat button with extended stroke
<b>principle of operation of the actuating element</b>	momentary contact type
<b>product extension optional</b>	
• light source	No
• contact module	Yes
<b>color of the actuating element</b>	green
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>outer diameter of the actuating element</b>	29.5 mm
<b>marking of the actuating element</b>	Any inscription, text in upper case
<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>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 50g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>operating frequency maximum</b>	3 600 1/h
<b>mechanical service life (switching cycles) typical</b>	5 000 000
<b>reference code acc. to IEC 81346-2</b>	S
<b>Ambient conditions</b>	
• ambient temperature during operation	-25 ... +70 °C

• ambient temperature 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 %)
<b>Installation/ mounting/ dimensions</b>	
height	40 mm
width	30 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	20.3 mm
installation width	29.5 mm
installation depth	30.9 mm
<b>Certificates/ approvals</b>	
<b>Further information</b>	

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=3SU1230-0EB40-0AA0-Z Y11>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1230-0EB40-0AA0-Z Y11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1230-0EB40-0AA0-Z Y11>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1230-0EB40-0AA0-Z Y11&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1230-0EB40-0AA0-Z Y11&lang=en)

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