

Siemens
EcoTech



Pushbutton, 22 mm, round, plastic, green, pushbutton, raised, momentary contact type, with laser labeling, upper case and lower case, always upper case at the beginning of the word



product brand name	SIRIUS ACT
product designation	Pushbuttons
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Plastic, black, 22 mm
Enclosure	
number of command points	1
Actuator	
design of the actuating element	Raised button
principle of operation of the actuating element	momentary contact type
product extension optional	
• light source	No
• 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 words start with capital letters
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	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	3 600 1/h
mechanical service life (operating cycles) typical	10 000 000
reference code according to IEC 81346-2	S

Substance Prohibittance (Date)	10/01/2014
Net Weight	0.013 kg
Safety related data	
proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate per NC contact according to SN 31920 • with high demand rate per NO contact according to SN 31920	20 % 20 % 50 %
B10 value with high demand rate according to SN 31920	10 000 000
failure rate [FIT] with low demand rate per NC contact according to SN 31920	100 FIT
IEC 61508	
T1 value for proof test interval or service life according to IEC 61508	20 a
Ambient conditions	
ambient temperature • during operation • during storage	-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%)
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	16.2 mm
installation width	29.5 mm
installation depth	24.3 mm
Approvals Certificates	
General Product Approval	
   	
Type Test Certificates/Test Report Special Test Certificate	
Maritime application	
   	
Confirmation 	
Environment	
 	
Environmental Confirmations	
Further information	

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1000-0BB40-0AA0-Z Y15>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-0BB40-0AA0-Z Y15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-0BB40-0AA0-Z Y15>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-0BB40-0AA0-Z Y15&lang=en

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5/17/2025 