SIEMENS

Siemens EcoTech

Illuminated mushroom pushbutton, 22 mm, round, plastic, blue, 30 mm, momentary contact type

product brand name	SIRIUS ACT
product designation	Mushroom 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	illuminated
principle of operation of the actuating element	momentary contact type
product extension optional light source	Yes
color of the actuating element	blue
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	30 mm
number of switching positions	2
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	
product function	
● EMERGENCY OFF function	No
● EMERGENCY STOP function	No
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	3 000 000
reference code according to IEC 81346-2	S

Substance Prohibitance (Date)	10/01/2014
Net Weight	0.021 kg

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%)

Installation/ mounting/ dimensions	
height	30 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	27.5 mm
installation width	30 mm
installation depth	24.4 mm

Approvals Certificates	
Environmental Product Declaration	
● 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	-0.0145 kg
● global warming potential [CO2 eq] / total	0.787 kg

Environment			General Product Approval		
EPD	Siemens EcoTech	Environmental Confirmations	CE EG-Konf.	UKCA	cULus

General Product Approval	Test Certificates		Maritime application		
EAC	Type Test Certificates/Test Report	Special Test Certificate	BUREAU VERITAS	Lloyd's Register LRS	PRS

Maritime application	other	
RINA	产品合格 QC PASS	Confirmation

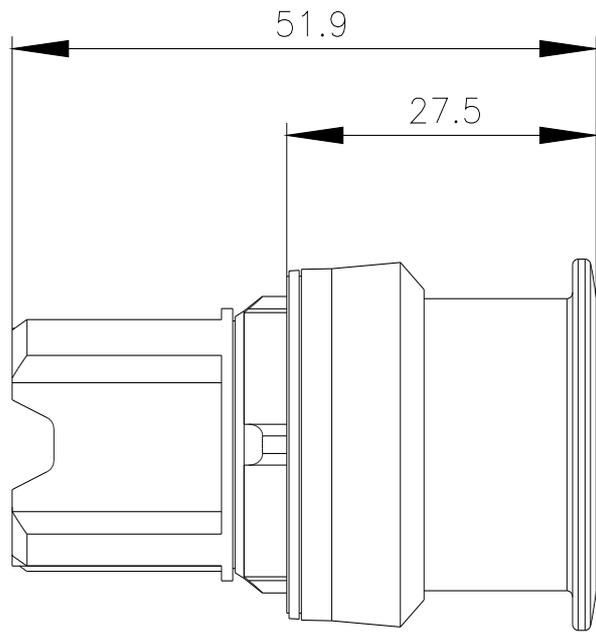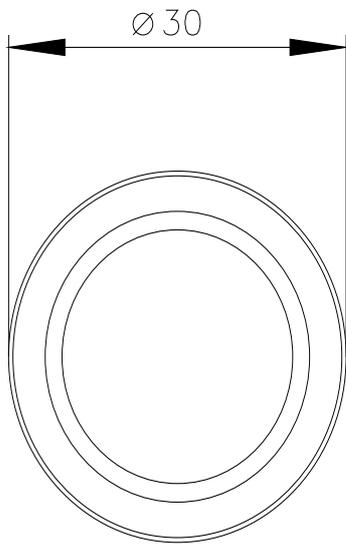| Further information |
|---|
| **Information on the packaging** |
| https://support.industry.siemens.com/cs/ww/en/view/109813875 |
| **Information for data generation and storage** |
| https://support.industry.siemens.com/cs/ww/en/view/109995012 |
| **Information- and Downloadcenter (Catalogs, Brochures,…)** |
| https://www.siemens.com/ic10 |
| **Industry Mall (Online ordering system)** |
| https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1001-1AD50-0AA0 |
| **Cax online generator** |
| https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-1AD50-0AA0 |
| **Service&Support (Manuals, Certificates, Characteristics, FAQs,...)** |
| https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-1AD50-0AA0 |
| **Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)** |
| https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-1AD50-0AA0&lang=en |

Ø 30

51.9

27.5

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2/2/2026