

Siemens
EcoTech



Toggle switch, 22 mm, round, plastic, black, 2 switch positions O<l, momentary contact type, connection from top with laser labeling, lower case

product brand name	SIRIUS ACT
product designation	Toggle switches
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Plastic, black, 22 mm
Enclosure	
number of command points	1
Actuator	
principle of operation of the actuating element	momentary contact, reset from above
product extension optional	
• light source	No
• contact module	Yes
color	
• of the actuating element	black
• of the cover cap	other
material of the actuating element	plastic
shape of the actuating element	Toggle lever
outer diameter of the actuating element	29.45 mm
marking of the actuating element	Customized labeling, text in lower case letters
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	
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
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
operating frequency maximum	1 800 1/h
mechanical service life (operating cycles) typical	1 000 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
Weight	0.016 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%)
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	
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	22.3 mm
installation width	29.45 mm
installation depth	26.3 mm

Approvals Certificates	
General Product Approval	Test Certificates



[Confirmation](#)



[Type Test Certificates/Test Report](#)

other	Environment
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[Confirmation](#)



Siemens EcoTech



[Environmental Confirmations](#)

Further information

- Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
- 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=3SU1000-3EC10-0AA0-Z Y12>
- Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-3EC10-0AA0-Z Y12>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-3EC10-0AA0-Z Y12>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-3EC10-0AA0-Z Y12&lang=en

last modified: 3/2/2024