

Toggle switch, 22 mm, round, plastic with metal front ring, black, 2 switch positions O-I, latching, with laser labeling, upper case and lower case, always upper case at beginning of line

Product brand name	SIRIUS ACT
Product designation	Toggle switches
Design of the product	Actuating/signaling element
Product type designation	3SU1

Enclosure

Number of command points	1
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Actuator

Manner of function of the actuating element	Latching
Product extension optional Light source	No
Color	
• of the actuating element	black
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	Any inscription, text in upper/lower case, every line begins with upper case letter
Number of switching positions	2

Front ring

Product component front ring	Yes
Design of the front ring	Standard
Material of the front ring	Metal, matt
Color of the front ring	sand gray

General technical data

Protection class IP	IP66, IP67, IP69(IP69K)
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12, 13
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
Operating frequency maximum	1 800 1/h
Mechanical service life (switching cycles)	
• typical	1 000 000
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S

Ambient conditions

Ambient temperature	
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- during operation
- during storage

-25 ... +70 °C

-40 ... +80 °C




Environmental category during operation acc. to IEC 60721

3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %)

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

Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates
 CSA  UL  EAC  CE EG-Konf.	Special Test Certificate	Type Test Certificates/Test Report

Marine / Shipping



other

[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalog>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-3EA10-0AA0-Z Y10>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-3EA10-0AA0-Z Y10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-3EA10-0AA0-Z Y10>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-3EA10-0AA0-Z Y10&lang=en

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