SIEMENS

Toggle switch, 22 mm, round, plastic with metal front ring, black, 2 switch positions O-I, latching

product brand name	SIRIUS ACT
product designation	Toggle switches
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Plastic with metal front ring, matt, 22 mm
Enclosure	
number of command points	1
Actuator	
principle of operation of the actuating element	latching
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
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	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 (switching cycles) typical	1 000 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
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

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**	
CSA	Confirmation	UL	EAC	CE EG-Konf.	UKCA

Test Certificates		**Marine / Shipping**			
Type Test Certificates/Test Report	Special Test Certificate	ABS	Lloyd's Register LRS	PRS	RINA

Marine / Shipping	**other**
RMRS	Confirmation

Further information

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=3SU1030-3EA10-0AA0
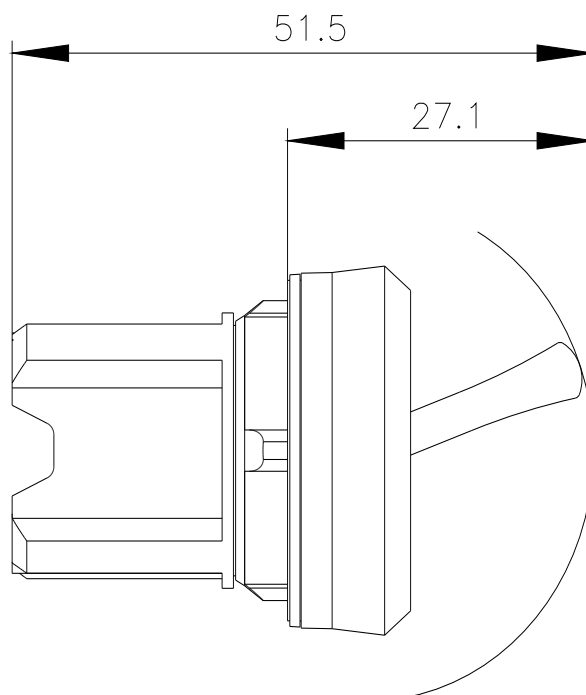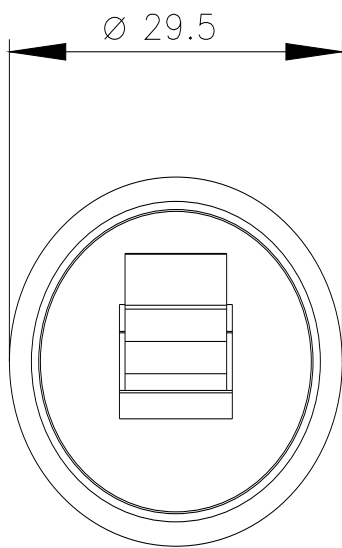
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-3EA10-0AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-3EA10-0AA0

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&lang=en

Ø 29.5

51.5

27.1

last modified: 1/26/2022 ⬈

7/8/2022