SIEMENS

Data sheet 3SU1051-0BB70-0AA0

Illuminated pushbutton, 22 mm, round, metal, shiny, clear, pushbutton, raised, momentary contact type

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

Enclosure

Number of command points	1

Actuator

Design of the operating mechanism	Raised button
Manner of function of the actuating element	Momentary contact type
Product extension optional Light source	Yes
Color	
• of the actuating element	Clear
Material of the actuating element	plastic
Shape of the actuating element	round
Outer diameter of the actuating element	29.5 mm

Front ring

Product component front ring	Yes
Design of the front ring	Standard

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Material of the front ring	Metal, high gloss
Color of the front ring	silver

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	3 600 1/h
Mechanical service life (switching cycles)	
• typical	3 000 000
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S

Ambient conditions

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-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

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

Certificates/approvals

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

Marine / Shipping					
ABS	LRS	PRS	RINA	RMRS	DNVGL.COM/AF

other
Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1051-0BB70-0AA0

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-0BB70-0AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-0BB70-0AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-0BB70-0AA0&lang=en

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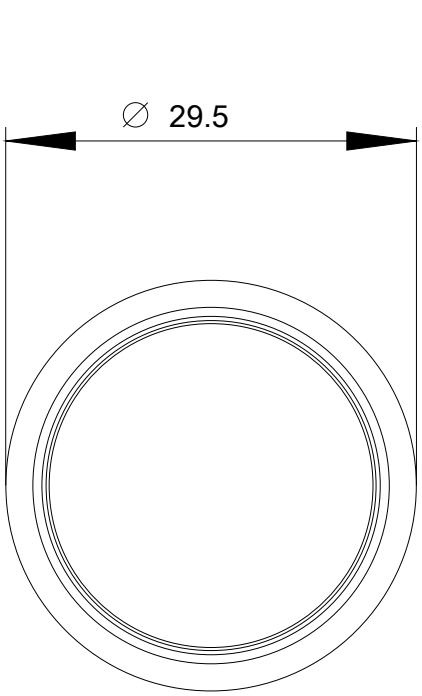

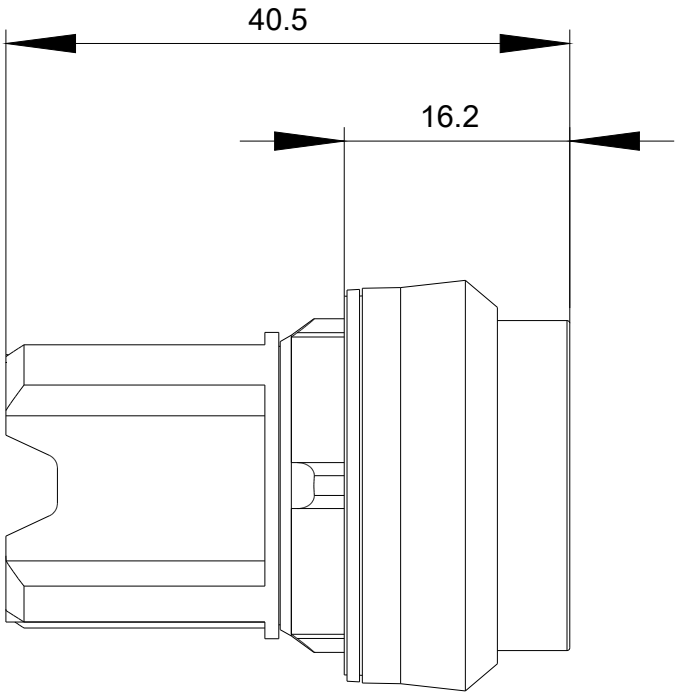

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