SIEMENS

Data sheet 3SU1051-1AD40-0AA0

Illuminated mushroom pushbutton, 22 mm, round, metal, shiny, green, 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

Enclosure

Number of command points	1

Actuator

Design of the operating mechanism	illuminated
Manner of function of the actuating element	Momentary contact type
Product extension optional Light source	Yes
Color	
• of the actuating element	Green
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

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

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	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)	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

Certificates/approvals

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General Product Approval			Declaration of Conformity	Test Certific-ates
CSA	UL	EAC	EG-Konf.	Miscellaneous	Type Test Certific-ates/Test Report

Marine / Shipping

ABS | LRS | PRS | RINA | RMRS

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=3SU1051-1AD40-0AA0

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-1AD40-0AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1AD40-0AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1AD40-0AA0&lang=en

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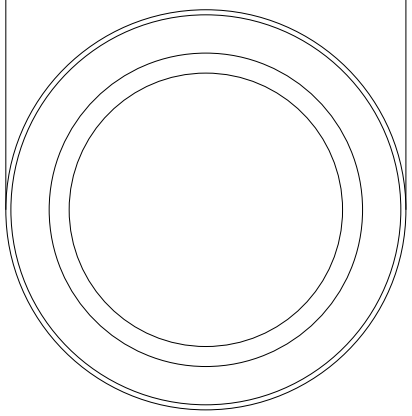

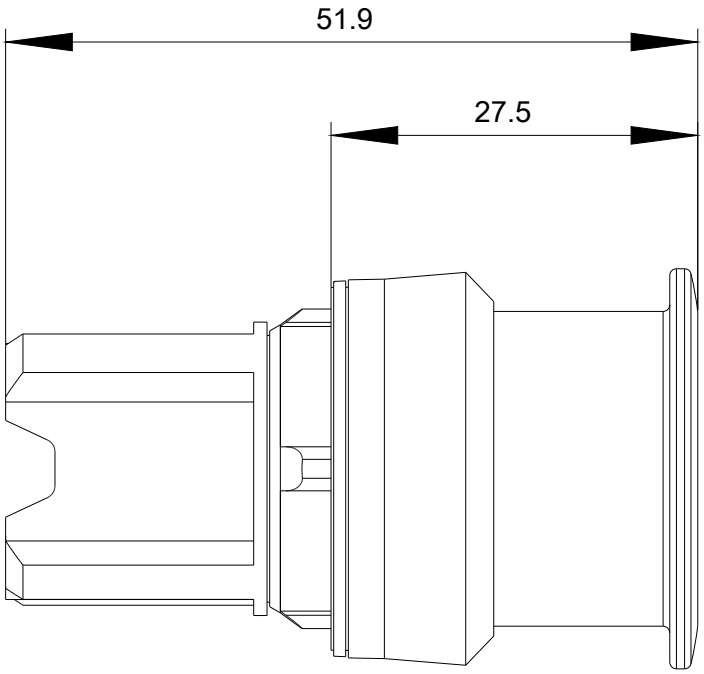

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