

Illuminated mushroom pushbutton, 22 mm, round, plastic with metal front ring, clear, 40 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	clear
Material of the actuating element	plastic
Shape of the actuating element	round
Outer diameter of the actuating element	40 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

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
• for railway applications acc. to DIN EN 61373	Category 1, Class B
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	40 mm
Width	40 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	40 mm
Installation depth	24.4 mm

Certificates/approvals

General Product Approval			Declaration of Conformity	Test Certificates
 CSA	 UL		 EG-Konf.	Miscellaneous 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=3SU1031-1BD70-0AA0>

Cax online generator

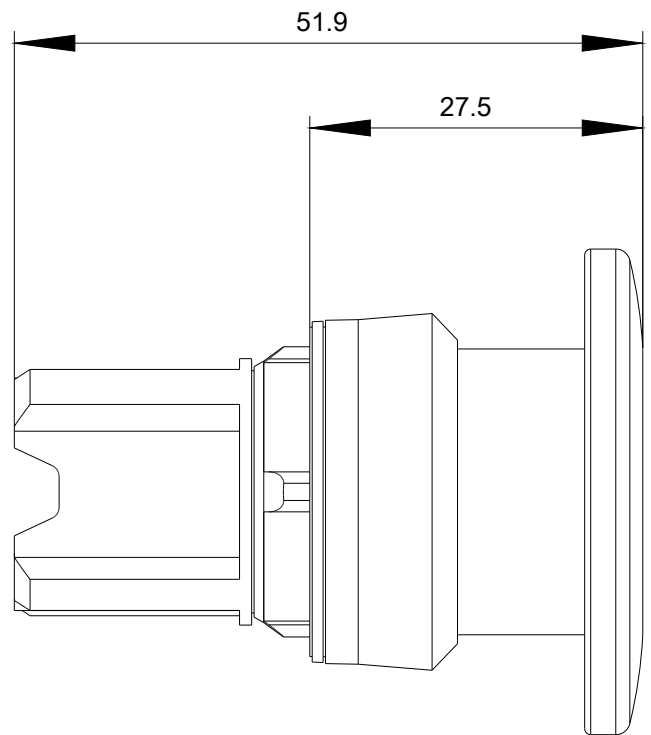
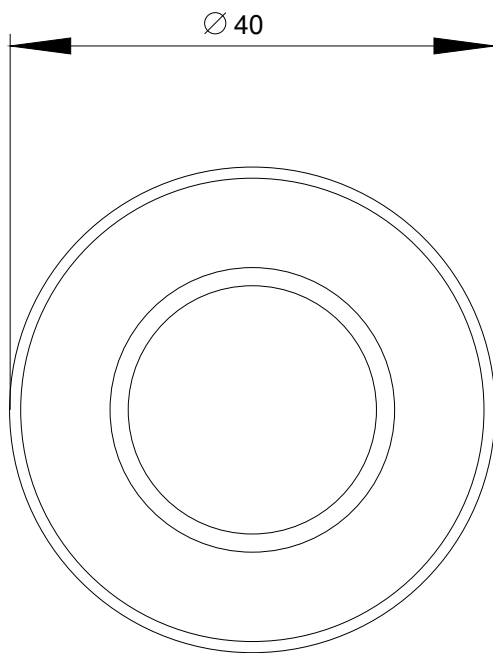
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-1BD70-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-1BD70-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-1BD70-0AA0&lang=en



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