

Illuminated mushroom pushbutton, 22 mm, round, metal, shiny, amber, 40 mm, latching, Pull-to-unlatch mechanism



product brand name	SIRIUS ACT
product designation	Mushroom pushbuttons
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, shiny, 22 mm

Enclosure	
number of command points	1

Actuator	
design of the operating mechanism	illuminated
manner of function of the actuating element	latching
product extension optional light source	Yes
color	
of the actuating element	amber
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	40 mm
type of unlocking device	pull-to-unlatch mechanism
number of switching positions	2

Front ring	
product component front ring	Yes
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	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
operating frequency maximum	1 800 1/h
mechanical service life (switching cycles)	
• typical	500 000
reference code acc. to DIN EN 81346-2	S

Ambient conditions	
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
				Miscellaneous Type Test Certificates/Test Report
CSA	UL		EG-Konf.	

Marine / Shipping					other
					Confirmation
ABS	LRS	PRS	RINA	RMRS	

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=3SU1051-1BA00-0AA0>

Cax online generator

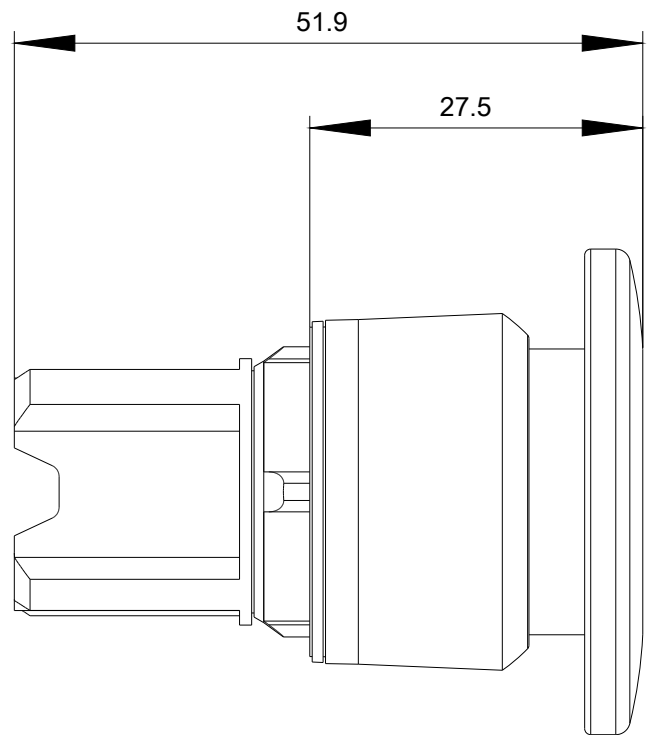
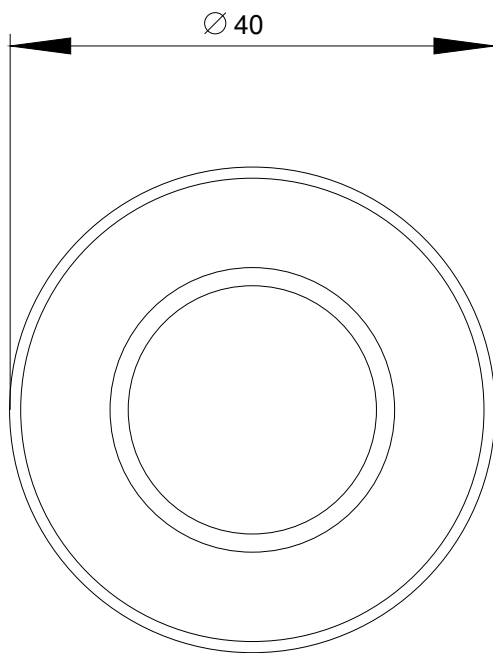
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-1BA00-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1BA00-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1BA00-0AA0&lang=en



last modified:

10/09/2020