



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

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Mushroom pushbuttons
<b>design of the product</b>	Actuating/signaling element
<b>product type designation</b>	3SU1
<b>product line</b>	Metal, shiny, 22 mm
<b>Enclosure</b>	
<b>number of command points</b>	1
<b>Actuator</b>	
<b>design of the actuating element</b>	illuminated
<b>principle of operation of the actuating element</b>	latching
<b>product extension optional light source</b>	Yes
<b>color of the actuating element</b>	clear
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>outer diameter of the actuating element</b>	40 mm
<b>type of unlocking device</b>	pull-to-unlatch mechanism
<b>number of switching positions</b>	2
<b>Front ring</b>	
<b>product component front ring</b>	Yes
<b>design of the front ring</b>	Standard
<b>material of the front ring</b>	Metal, high gloss
<b>color of the front ring</b>	silver
<b>General technical data</b>	
<b>product function</b>	No
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
<b>protection class IP</b>	IP66, IP67, IP69(IP69K)
<b>degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12, 13
<b>shock resistance</b>	sinusoidal half-wave 15g / 11 ms
• according to IEC 60068-2-27	
<b>vibration resistance</b>	10 ... 500 Hz: 5g
• according to IEC 60068-2-6	
<b>operating frequency maximum</b>	1 800 1/h
<b>mechanical service life (switching cycles) typical</b>	500 000
<b>reference code according to IEC 81346-2</b>	S
<b>Substance Prohibitance (Date)</b>	10/01/2014
<b>Ambient conditions</b>	
<b>ambient temperature</b>	-25 ... +70 °C
• during operation	
• during storage	-40 ... +80 °C
<b>environmental category during operation according to IEC</b>	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

[Confirmation](#)

EG-Konf.

Test Certificates

Marine / Shipping

[Type Test Certificates/Test Report](#)

ABS



LRS



PRS



RINA



RMRS

other

[Confirmation](#)[Environmental Confirmations](#)**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?mfb=3SU1051-1BA70-0AA0>

Cax online generator

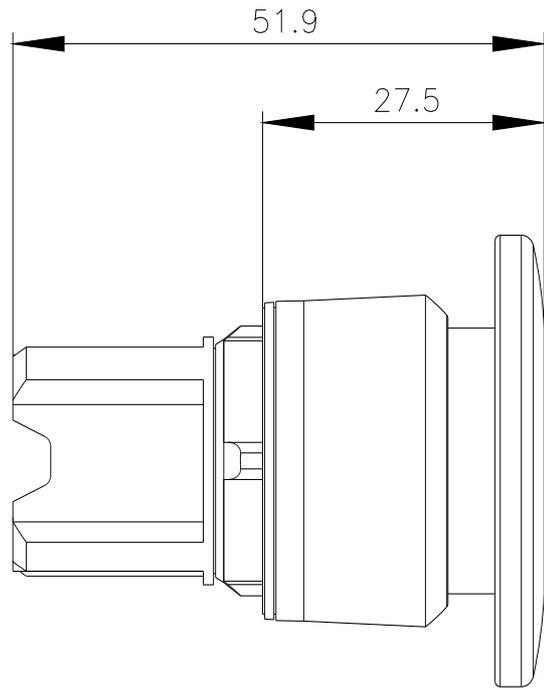
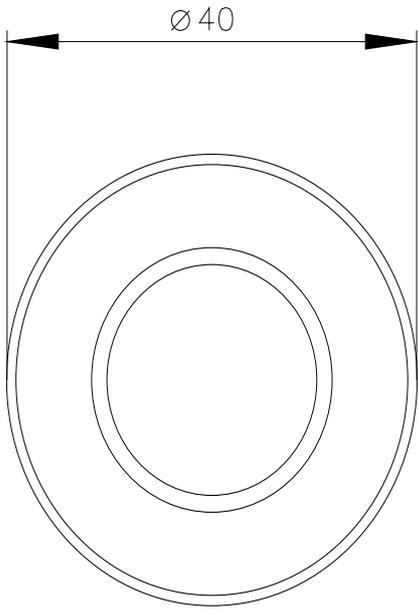
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1051-1BA70-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1BA70-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SU1051-1BA70-0AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1051-1BA70-0AA0&lang=en)



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