

Siemens
EcoTech



Illuminated mushroom pushbutton, 22 mm, round, metal, shiny, yellow, 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 actuating element	illuminated
principle of operation of the actuating element	latching
product extension optional light source	Yes
color of the actuating element	yellow
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	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
operating frequency maximum	1 800 1/h
mechanical service life (operating cycles) typical	500 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014

Net Weight		0.061 kg
Ambient conditions		
ambient temperature		
• during operation		-25 ... +70 °C
• during storage		-40 ... +80 °C
environmental category during operation according 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	
Approvals Certificates		
Environmental Product Declaration		
• global warming potential [CO2 eq] / during manufacturing		0.625 kg
• global warming potential [CO2 eq] / during operation		0.235 kg
• global warming potential [CO2 eq] / after end of life		-0.267 kg
• global warming potential [CO2 eq] / total		0.593 kg
Environment		General Product Approval
Siemens EcoTech   Environmental Confirmations  EG-Konf.   C UL US		
General Product Approval	Test Certificates	Maritime application
 Type Test Certificates/Test Report Special Test Certificate  BUREAU VERITAS  LRS  PRS		
Maritime application	other	
 RINA Confirmation 产品合格 QC PASS		

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1051-1BA30-0AA0>

Cax online generator

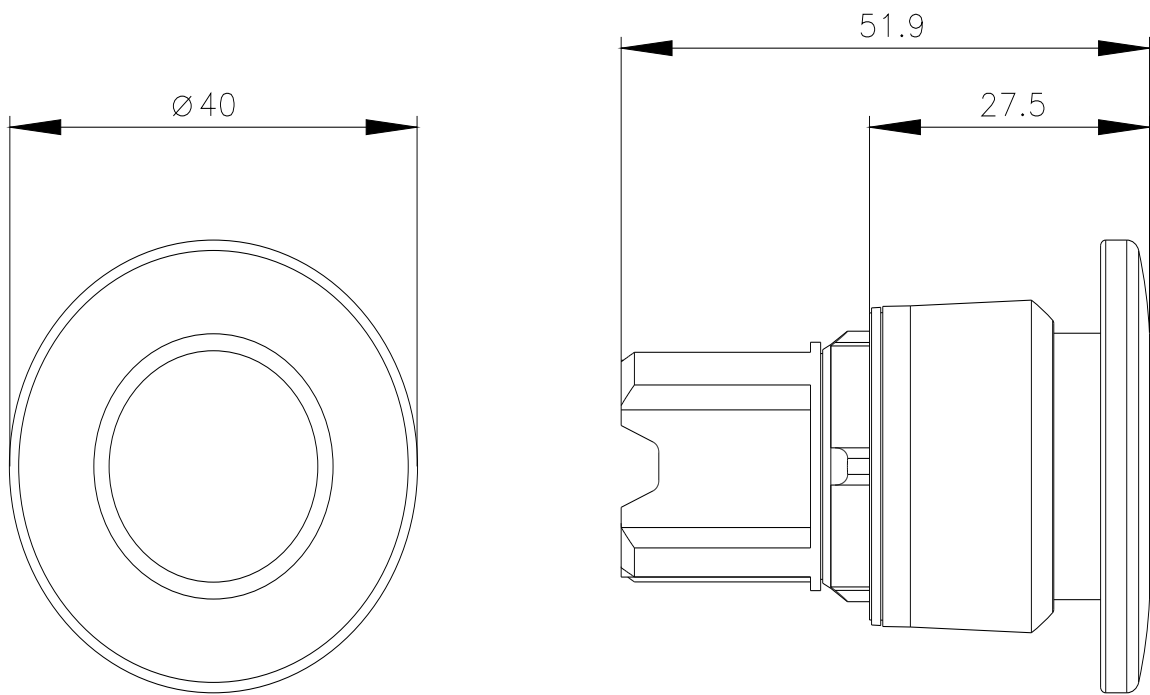
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-1BA30-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1BA30-0AA0>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1BA30-0AA0&lang=en



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