SIEMENS

Data sheet



Illuminated mushroom pushbutton, 22 mm, round, plastic, clear, 30 mm, latching, pull-to-unlatch mechanism, Z=50-unit packaging

product brand name	SIRIUS ACT	
product designation	Mushroom pushbuttons	
design of the product	Actuating/signaling element	
product type designation	3SU1	
product line	Plastic, black, 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	clear	
material of the actuating element	plastic	
shape of the actuating element	round	
outer diameter of the actuating element	30 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	plastic	
color of the front ring	black	
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	
for railway applications according to EN 61373	Category 1, Class B	
vibration resistance		
according to IEC 60068-2-6	10 500 Hz: 5g	
for railway applications according to EN 61373	Category 1, Class B	
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	
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	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			
Further information			

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

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

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=3SU1001-1AA70-0AA0-Z X90

Cax online generator

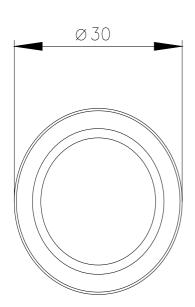
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1001-1AA70-0AA0-Z~X90}\\$

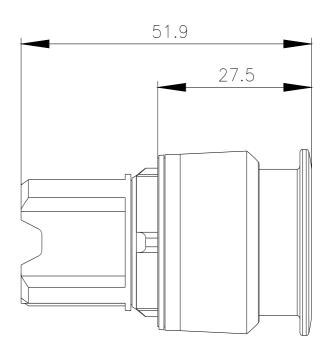
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-1AA70-0AA0-Z X90

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-1AA70-0AA0-Z X90&lang=en





last modified: 1/27/2022 🖸

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