SIEMENS

Data sheet



Illuminated mushroom pushbutton, 22 mm, round, plastic, blue, 30 mm, latching, pull-to-unlatch mechanism, with laser labeling, upper case



Siemens

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	blue	
material of the actuating element	plastic	
shape of the actuating element	round	
outer diameter of the actuating element	30 mm	
marking of the actuating element	Customized labeling, text in capital letters	
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	
	1 000 1/11	

reference code according to IEC 81346-2	\$	
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%)	
Environmental footprint		
Environmental Product Declaration(EPD)	Yes	
Global Warming Potential [CO2 eq] total	0.787 kg	
Global Warming Potential [CO2 eq] during manufacturing	0.566 kg	
Global Warming Potential [CO2 eq] during operation	0.235 kg	
Global Warming Potential [CO2 eq] after end of life	-0.015 kg	
Siemens Eco Profile (SEP)	Siemens EcoTech	
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	
Approvals Certificates		

General Product Approval

Confirmation





Type Test Certificates/Test Report

Test Certificates

Special Test Certific-<u>ate</u>

Marine / Shipping











Confirmation

other



Environment

Environment



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=3SU1001-1AA50-0AA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1001-1AA50-0AA0-Z Y11

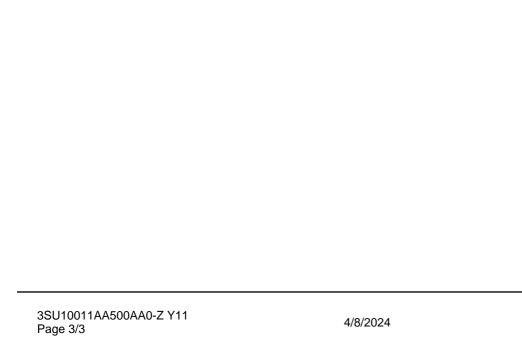
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1001-1AA50-0AA0-Z Y11

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1001-1AA50-0AA0-Z Y11&lang=en

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