

Siemens
EcoTech



Mushroom pushbutton, 22 mm, round, plastic, red, 60 mm, latching, pull-to-unlatch mechanism, with laser labeling, lower case



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	
principle of operation of the actuating element	latching
product extension optional light source	No
color of the actuating element	red
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	60 mm
marking of the actuating element	Customized labeling, text in lower case 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
mechanical service life (operating cycles) typical	500 000
reference code according to IEC 81346-2	S

Substance Prohibittance (Date)		10/01/2014
Weight		0.026 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%)
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		60 mm
width		60 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		60 mm
installation depth		24.4 mm
Approvals Certificates		
General Product Approval		Test Certificates
 EG-Konf.		
 c UL US		
		Type Test Certificates/Test Report
		Special Test Certificate
Maritime application		other
Environment		
 LRS		 PRS
 RINA		Confirmation
		
Environment		
		
Environmental Confirmations		
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=3SU1000-1CA20-0AA0-Z Y12		
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-1CA20-0AA0-Z Y12		
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-1CA20-0AA0-Z Y12		
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-1CA20-0AA0-Z Y12&lang=en		

