

**Siemens
EcoTech**



Illuminated mushroom pushbutton, 22 mm, round, metal, shiny, clear, 40 mm, latching, pull-to-unlatch mechanism, with laser labeling, upper case and lower case, always upper case at the beginning of the word



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	clear
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	40 mm
marking of the actuating element	Customized labeling, text in lower case/capital letters, all words start with 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	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 Prohibittance (Date)		10/01/2014	
Weight		18 g	
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		0.593 kg	
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	
Siemens Eco Profile (SEP)		Siemens EcoTech	
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			
General Product Approval		Test Certificates	Maritime application
			
		Type Test Certificates/Test Report	
Maritime application		other	Environment
			Confirmation
			
Environment			
Environmental Conformations			
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=3SU1051-1BA70-0AA0-Z Y15			
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-1BA70-0AA0-Z Y15			
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1BA70-0AA0-Z Y15			
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1BA70-0AA0-Z Y15&lang=en			

