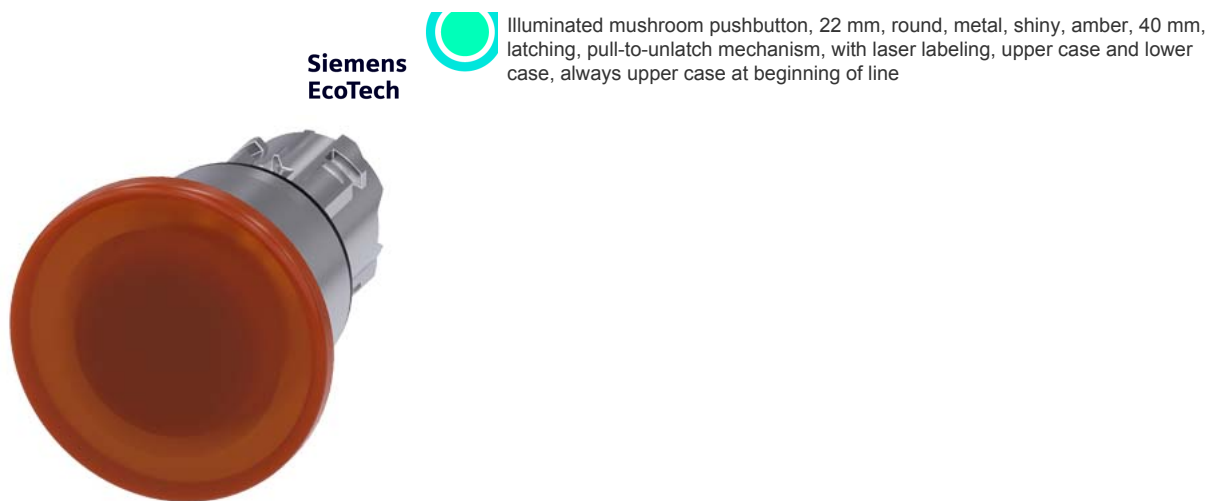




product brand name	SIRIUS ACT
product designation	Mushroom pushbuttons
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, shiny, 22 mm
Enclosure	
number of command points	1
Actuator	
design of the actuating element	illuminated
principle of operation of the actuating element	latching
product extension optional light source	Yes
color of the actuating element	amber
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 lines start with capital letter
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				
Net Weight	0.053 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	0.593 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			
 EG-Konf.		 c UL us		Type Test Certificates/Test Report	 BUREAU VERITAS
Maritime application	other	Environment			
 LRS	 PRS	 RINA	Confirmation	 产品合格 QC PASS	 EPD
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=3SU1051-1BA00-0AA0-Z Y10					
Cax online generator https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-1BA00-0AA0-Z Y10					
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-1BA00-0AA0-Z Y10					
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-1BA00-0AA0-Z Y10&lang=en					

last modified:

4/2/2025 