



Illuminated pushbutton, 22 mm, round, metal, shiny, red, pushbutton, flat, latching, Push-to-release mechanism, with laser labeling, symbol number according to, ISO 7000 or IEC 60417

product brand name	SIRIUS ACT
product designation	Illuminated 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	Flat button
principle of operation of the actuating element	latching
product extension optional	
• light source	Yes
• contact module	Yes
color of the actuating element	red
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.5 mm
marking of the actuating element	Customized labeling, graphical symbols acc. to ISO7000 and IEC60417
type of unlocking device	push-to-unlatch mechanism
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	
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 Prohibitance (Date)	10/01/2014
Net Weight	0.032 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%)					
Installation/ mounting/ dimensions						
height	29.5 mm					
width	29.5 mm					
shape of the installation opening	round					
mounting diameter	22.3 mm					
positive tolerance of installation diameter	0.4 mm					
mounting height	11 mm					
installation width	29.5 mm					
installation depth	24.3 mm					
Approvals Certificates						
Environmental Product Declaration						
- global warming potential [CO2 eq] / during manufacturing - global warming potential [CO2 eq] / during operation - global warming potential [CO2 eq] / after end of life - global warming potential [CO2 eq] / total	0.625 kg 0.235 kg -0.267 kg 0.593 kg					
Environment	General Product Approval					
			Environmental Confirmations			
General Product Approval	Test Certificates		Maritime application			
	Type Test Certificates/Test Report	Special Test Certificate				
Maritime application	other					
	Confirmation					
						
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=3SU1051-0AA20-0AA0-Z Y13						
Cax online generator https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1051-0AA20-0AA0-Z Y13						
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1051-0AA20-0AA0-Z Y13						
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1051-0AA20-0AA0-Z Y13&lang=en						

last modified:

7/6/2025 