

Pushbutton, 22 mm, round, plastic with metal front ring, red, pushbutton, flat momentary contact type



Product brand name	SIRIUS ACT
Product designation	Pushbuttons
Design of the product	Actuating/signaling element
Product type designation	3SU1

Enclosure	
Number of command points	1

Actuator	
Design of the operating mechanism	Flat button
Manner of function of the actuating element	Momentary contact type
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	29.5 mm

Front ring	
Product component front ring	Yes
Design of the front ring	Standard

Material of the front ring	Metal, matt
Color of the front ring	sand gray
General technical data	
Protection class IP	IP66, IP67, IP69(IP69K)
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12, 13
Shock resistance	• acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373
	Sinusoidal half-wave 50 g / 11 ms Category 1, Class B
Operating frequency maximum	3 600 1/h
Mechanical service life (switching cycles)	
• typical	10 000 000
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S
Ambient conditions	
Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. 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
Certificates/approvals	

General Product Approval			Declaration of Conformity	Test Certificates	
				Special Test Certificate	Type Test Certificates/Test Report
CSA	UL		EG-Konf.		

Marine / Shipping					
					
ABS	LRS	PRS	RINA	RMRS	DNVGL.COM/AF

other
Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1030-0AB20-0AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-0AB20-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-0AB20-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-0AB20-0AA0&lang=en



last modified:

01/20/2019