

Pushbutton, 22 mm, round, plastic with metal front ring, black, pushbutton, flat, latching, Push-to-release mechanism, with laser labeling, upper case



Product brand name	SIRIUS ACT
Product designation	Pushbuttons
Design of the product	Actuating/signaling element
Product type designation	3SU1
Product line	Plastic with metal front ring, matt, 22 mm

Enclosure

Number of command points	1
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Actuator

Design of the operating mechanism	Flat button
Manner of function of the actuating element	latching
Product extension optional Light source	No
Color	
• of the actuating element	black
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	Any inscription, text in upper case
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, 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
Vibration resistance	• acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373
	10 ... 500 Hz: 5g Category 1, Class B
Operating frequency maximum	1 800 1/h
Mechanical service life (switching cycles)	
• typical	500 000
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	
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General Product Approval			Declaration of Conformity	Test Certificates
				Miscellaneous Type Test Certificates/Test Report
CSA	UL		EG-Konf.	

Test Certificates	Marine / Shipping				
Special Test Certificate					
	ABS	LRS	PRS	RINA	RMRS

Marine / Shipping	other
	Confirmation
DNV-GL DNVGL.COM/AF	

Further information

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=3SU1030-0AA10-0AA0-Z Y11>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1030-0AA10-0AA0-Z Y11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-0AA10-0AA0-Z Y11>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-0AA10-0AA0-Z Y11&lang=en

last modified:

02/06/2020