

Pushbutton, compact, with extended stroke (12 mm), 22 mm, round, metal, blue, pushbutton, flat, momentary contact type, with holder



Product brand name	SIRIUS ACT
Product designation	Pushbuttons
Design of the product	Complete unit
Product type designation	3SU1

Enclosure

Number of command points	1
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Actuator

Design of the operating mechanism	Flat button with extended stroke
Manner of function of the actuating element	momentary contact type
Product extension optional Light source	No
Color	
• of the actuating element	blue
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, high gloss
Color of the front ring	silver
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	Sinusoidal half-wave 50 g / 11 ms Category 1, Class B
• acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373	
Vibration resistance	10 ... 500 Hz: 5g Category 1, Class B
• acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373	
Operating frequency maximum	3 600 1/h
Mechanical service life (switching cycles)	5 000 000
• typical	
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S
Ambient conditions	
Ambient temperature	-25 ... +70 °C -40 ... +80 °C
• during operation • during storage	
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %)
Installation/ mounting/ dimensions	
Height	40 mm
Width	30 mm
Shape of the installation opening	round
Mounting diameter	22.3 mm
Positive tolerance of installation diameter	0.4 mm
Mounting height	20.3 mm
Installation width	29.5 mm
Installation depth	30.9 mm
Certificates/ approvals	

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

other
Confirmation

Further information

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

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1250-0EB50-0AA0>

Cax online generator

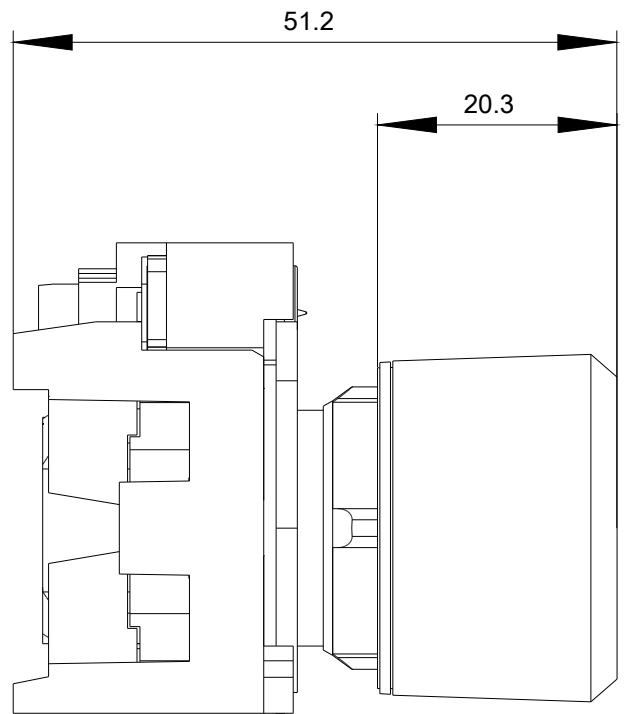
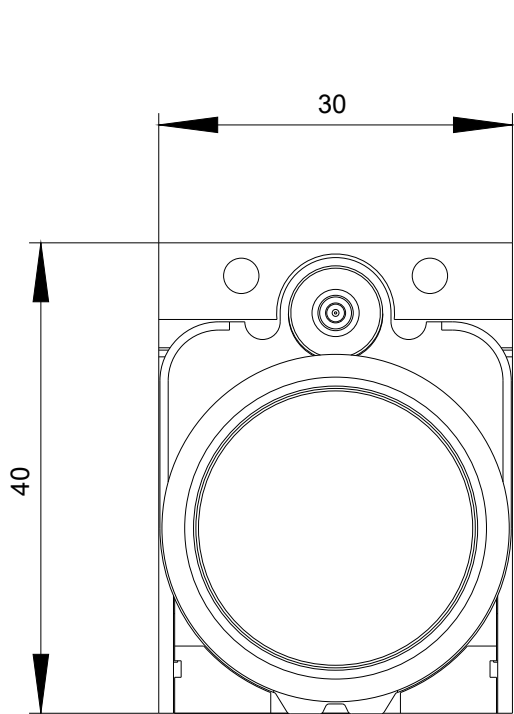
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1250-0EB50-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1250-0EB50-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1250-0EB50-0AA0&lang=en



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10/30/2019