

Pushbutton, 22 mm, round, plastic, blue, inscription: R, pushbutton, flat, momentary contact type



product brand name	SIRIUS ACT
product designation	Pushbuttons
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Plastic, black, 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	momentary contact type
product extension optional light source	No
Product extension optional contact module	Yes
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
marking of the actuating element	"R"

Front ring	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	plastic
color of the front ring	black

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	
• acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373	Sinusoidal half-wave 50g / 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	3 600 1/h
mechanical service life (switching cycles)	
• typical	10 000 000
reference code acc. to DIN EN 81346-2	S

Ambient conditions	
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.	

Marine / Shipping					other
					Confirmation
ABS	LRS	PRS	RINA	RMRS	

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=3SU1000-0AB50-0AR0>

Cax online generator

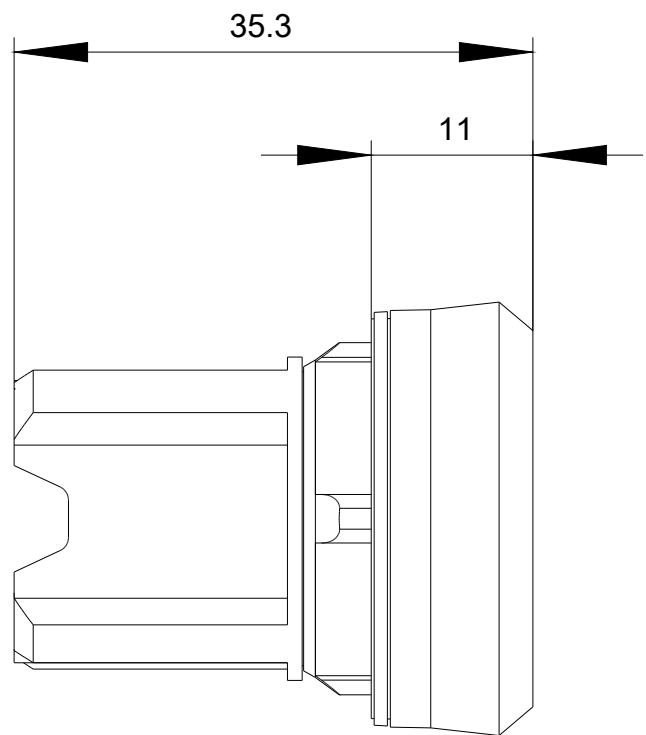
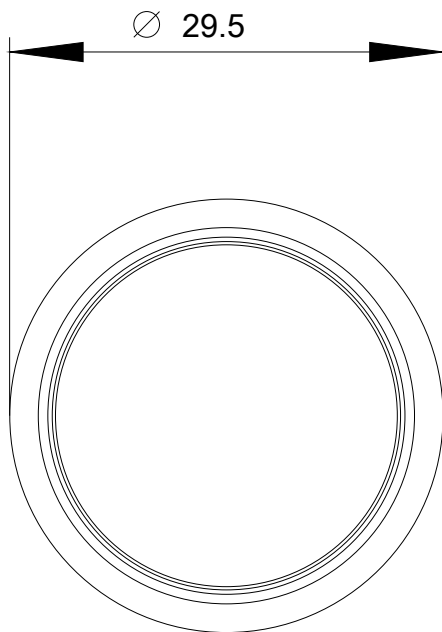
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-0AB50-0AR0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-0AB50-0AR0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-0AB50-0AR0&lang=en



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10/22/2020