SIEMENS

Data sheet 3SU1031-0CB20-0AA0



Illuminated pushbutton, 22 mm, round, plastic with metal front ring, red, Front ring, raised momentary contact type

product brand name	SIRIUS ACT
product designation	Illuminated 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
Actuator	
design of the actuating element	Flat button
principle of operation of the actuating element	momentary contact type
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
Front ring	
product component front ring	Yes
design of the front ring	high
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	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
● acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
● for railway applications acc. to DIN EN 61373	Category 1, Class B
vibration resistance	
● acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
● for railway applications acc. to DIN EN 61373	Category 1, Class B
operating frequency maximum	3 600 1/h
mechanical service life (switching cycles) typical	3 000 000
reference code acc. to IEC 81346-2	S
Ambient conditions	
● ambient temperature during operation	-25 ... +70 °C
● ambient temperature during storage	-40 ... +80 °C

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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	16.2 mm
installation width	29.5 mm
installation depth	24.3 mm

Certificates/ approvals

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

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

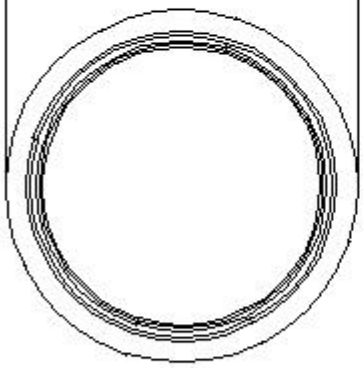
other

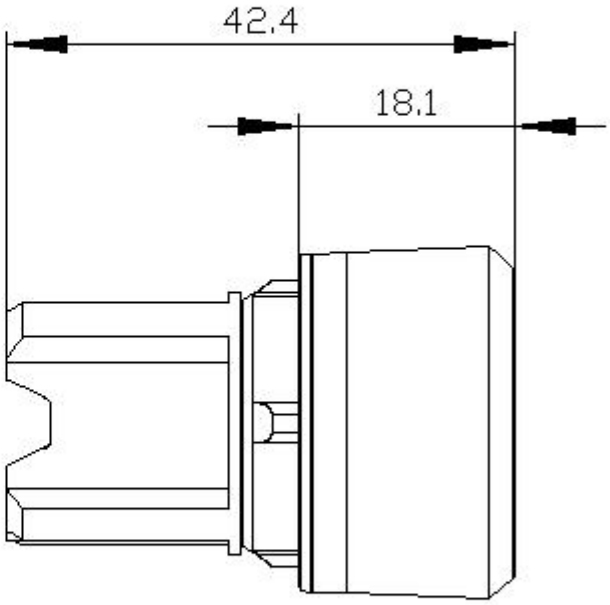
Confirmation

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=3SU1031-0CB20-0AA0
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1031-0CB20-0AA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1031-0CB20-0AA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1031-0CB20-0AA0&lang=en

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