

PUSHBUTTON, 22MM, ROUND, PLASTIC, BLACK, FLAT BUTTON, MOMENTARY CONTACT TYPE

Product brand name	SIRIUS ACT
Product designation	Pushbuttons
Product type designation	3SU1

Enclosure

Number of command points	1
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Actuator

Design of the operating mechanism	pushbutton with flat button
Manner of function of the actuating element	Momentary contact type
Product extension optional Light source	No
Color	
<ul style="list-style-type: none"> 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
Type of unlocking device	without

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	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> 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)	
<ul style="list-style-type: none"> typical 	10 000 000
Equipment marking	
<ul style="list-style-type: none"> acc. to DIN EN 61346-2 acc. to DIN EN 81346-2 	S 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



[Declaration of the Compliance with the order](#)

[Special Test Certificate](#)

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=3SU1000-0AB10-0AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-0AB10-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-0AB10-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-0AB10-0AA0&lang=en

last modified:

09/25/2017