

22MM PLASTIC ROUND ACTUATOR: EMERGEN.-STOP MUSHR.PUSHB. 32MM LATCH.W. ROT.-TO-UNLATCH MECH. WITH HOLDER RED !!! Phased-out product !!! SIRIUS ACT 3SU1 is successor Preferred successor type is >>3SU1000-1GB20-0AA0 + 3SU1500-0AA10-0AA0<<



<b>Design of the product</b>	Single device round with positive latching in accordance with ISO 13850
<b>Enclosure</b>	
Number of command points	1
<b>Actuator</b>	
Design of the operating mechanism	Emergency stop mushroom pushbutton
Manner of function of the actuating element	latching
Product extension optional Light source	No
Color	
• of the actuating element	Red
Material of the actuating element	plastic
Outer diameter of the actuating element	32 mm
Type of unlocking device	rotate-to-unlatch mechanism
Number of switching positions	2
<b>Front ring</b>	
Product component front ring	No
<b>Holder</b>	
Material of the holder	Plastic

## General technical data

<b>Product function</b>	
• EMERGENCY OFF function	Yes
• EMERGENCY STOP function	Yes
<b>Protection class IP</b>	IP66
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	20 ... 200 Hz: 5g
<b>Operating frequency maximum</b>	1 000 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	300 000
<b>Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b>	S
<b>Reference code acc. to DIN EN 81346-2</b>	S
<b>Reference code acc. to DIN EN 61346-2</b>	S

## Connections/ Terminals

<b>Tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m
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## Safety related data

<b>B10 value</b>	
• with high demand rate acc. to SN 31920	100 000
<b>Proportion of dangerous failures</b>	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
<b>Failure rate [FIT]</b>	
• with low demand rate acc. to SN 31920	100 FIT
<b>T1 value for proof test interval or service life acc. to IEC 61508</b>	20 y

## Ambient conditions

<b>Ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
<b>Environmental category during operation acc. to IEC 60721</b>	3K6

## Installation/ mounting/ dimensions

<b>Mounting type</b>	front mounting
<b>Shape of the installation opening</b>	round
<b>Mounting diameter</b>	22 mm
<b>Mounting height</b>	49 mm
<b>Installation width</b>	32 mm
<b>Installation depth</b>	29 mm

## Certificates/ approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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[Miscellaneous](#)

Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)



other	Railway
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[Confirmation](#)

[Miscellaneous](#)

[Environmental Confirmations](#)

[Special Test Certificate](#)

### Further information

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

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB3000-1FA20>

**Cax online generator**

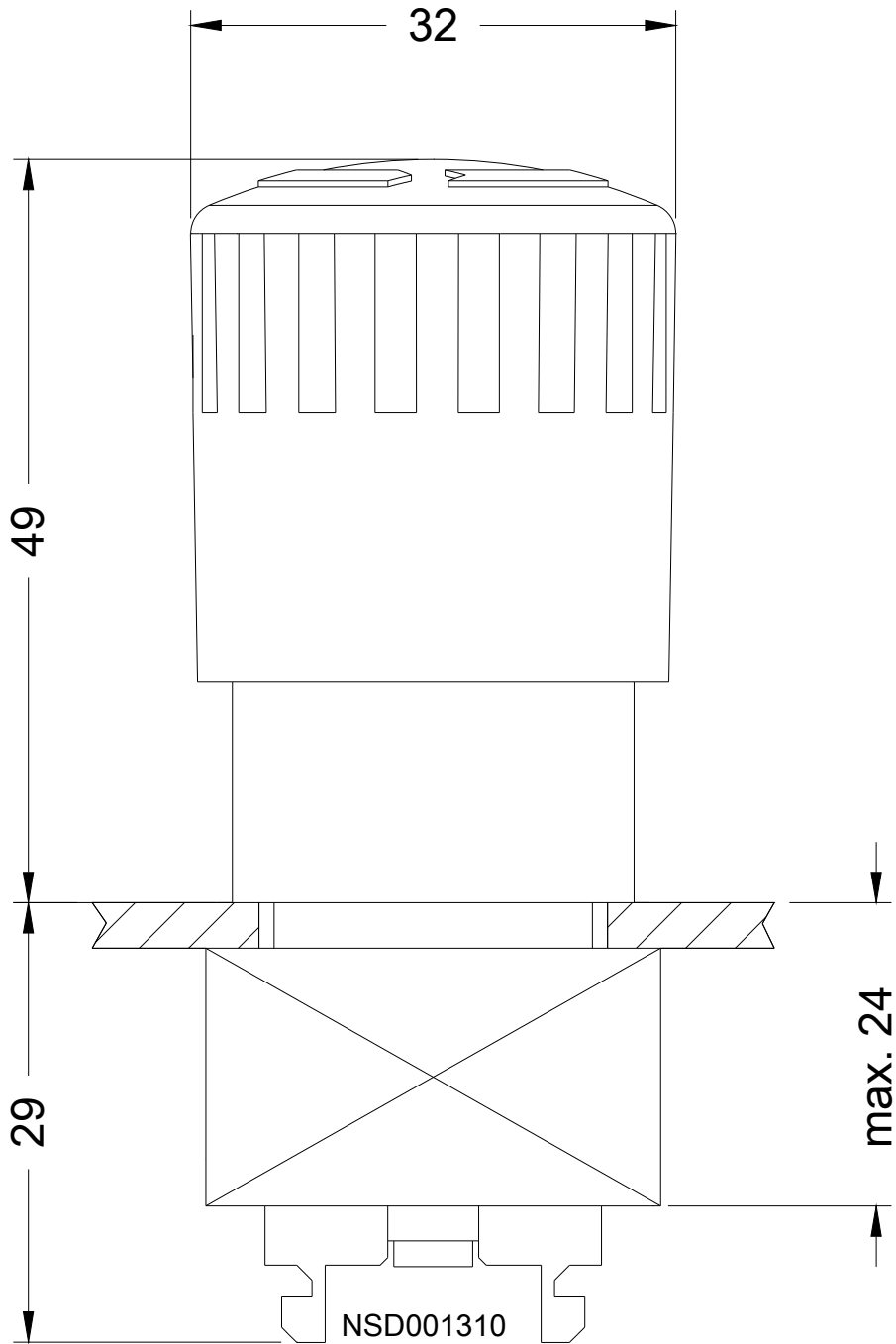
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3000-1FA20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3000-1FA20>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB3000-1FA20&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3000-1FA20&lang=en)



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