



Emergency stop mushroom pushbutton, 16 mm, round, plastic, red latching, with rotate-to-unlatch mechanism, according to ISO 13850

product brand name	SIRIUS
product designation	EMERGENCY STOP mushroom pushbuttons
design of the product	Single device round with positive latching in accordance with ISO 13850
product type designation	3SB2
Enclosure	
number of command points	1
Actuator	
design of the actuating element	Emergency stop mushroom pushbutton
principle of operation 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	28.5 mm
type of unlocking device	rotate-to-unlatch mechanism
number of switching positions	2
Front ring	
product component front ring	No
Holder	
material of the holder	Plastic
General technical data	
product function	
• EMERGENCY OFF function	Yes
• EMERGENCY STOP function	Yes
protection class IP	IP65
vibration resistance acc. to IEC 60068-2-6	20 ... 200 Hz: 5g
operating frequency maximum	1 000 1/h
mechanical service life (switching cycles) typical	300 000
reference code acc. to IEC 81346-2	S
Connections/ Terminals	
tightening torque of the screws in the bracket	0.4 N·m
Safety related data	
B10 value with high demand rate acc. to SN 31920	100 000
proportion of dangerous failures	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
failure rate [FIT] with low demand rate acc. to SN 31920	100 FIT
T1 value for proof test interval or service life acc. to	20 y

IEC 61508		
Ambient conditions		
• ambient temperature during operation	-25 ... +70 °C	
• ambient temperature during storage	-40 ... +80 °C	
environmental category during operation acc. to IEC 60721	3K6	
Installation/ mounting/ dimensions		
fastening method	front panel mounting	
shape of the installation opening	round	
mounting diameter	16 mm	
mounting height	21 mm	
installation width	28.5 mm	
installation depth	50 mm	
Certificates/ approvals		
General Product Approval	Declaration of Conformity	Test Certificates



[Miscellaneous](#)



[Miscellaneous](#)

Test Certificates	other	Railway
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[Special Test Certificate](#)

[Confirmation](#)

[Special Test Certificate](#)

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=3SB2000-1AC01>

Cax online generator

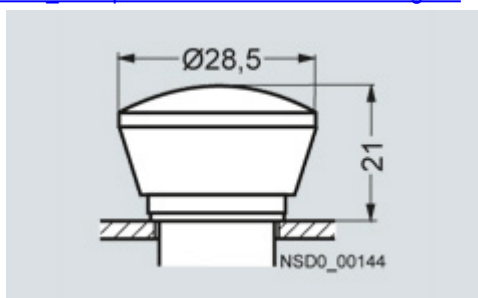
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2000-1AC01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2000-1AC01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2000-1AC01&lang=en



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