



Emergency stop mushroom pushbutton, 16 mm, round, plastic, red, latching, with rotate-to-unlatch mechanism, according to ISO 13850, 1 NC, with yellow backing plate, EMERGENCY STOP

<b>product brand name</b>	SIRIUS
<b>product designation</b>	EMERGENCY STOP mushroom pushbuttons
<b>design of the product</b>	Complete unit round with positive latching in accordance with ISO 13850
<b>product type designation</b>	3SB2
<b>Enclosure</b>	
<b>number of command points</b>	1
<b>Actuator</b>	
<b>design of the actuating element</b>	Emergency stop mushroom pushbutton
<b>principle of operation of the actuating element</b>	latching
product extension optional light source	No
color of the actuating element	red
<b>material of the actuating element</b>	plastic
<b>type of unlocking device</b>	rotate-to-unlatch mechanism
<b>number of switching positions</b>	2
<b>Front ring</b>	
<b>product component front ring</b>	No
<b>Holder</b>	
<b>material of the holder</b>	Plastic
<b>Contact block/ lampholder</b>	
<b>number of lampholders</b>	0
<b>number of switching elements</b>	1
<b>General technical data</b>	
<b>product function</b>	
• positive opening	Yes
• EMERGENCY STOP function	Yes
type of voltage of the operating voltage	AC/DC
<b>protection class IP</b>	IP65
vibration resistance acc. to IEC 60068-2-6	20 ... 200 Hz: 5g
<b>operating frequency maximum</b>	1 000 1/h
mechanical service life (switching cycles) typical	10 000 000
<b>reference code acc. to IEC 81346-2</b>	S
• operating voltage rated value	5 ... 250 V
<b>Auxiliary circuit</b>	
<b>number of NC contacts for auxiliary contacts</b>	1
<b>number of NO contacts for auxiliary contacts</b>	0
number of CO contacts for auxiliary contacts	0

<b>operational current at AC-12</b>	
• at 24 V rated value	10 A
• at 60 V rated value	10 A
• at 110 V rated value	10 A
• at 230 V rated value	10 A
<b>operational current at AC-15</b>	
• at 24 V rated value	4 A
• at 110 V rated value	4 A
• at 230 V rated value	4 A
<b>operational current at DC-12</b>	
• at 24 V rated value	6 A
• at 60 V rated value	5 A
• at 110 V rated value	2.5 A
• at 230 V rated value	1 A
<b>operational current at DC-13</b>	
• at 24 V rated value	3 A
• at 60 V rated value	1.2 A
• at 110 V rated value	0.7 A
• at 230 V rated value	0.3 A
<b>Connections/ Terminals</b>	
<b>type of electrical connection</b>	tab terminals
<b>tightening torque of the screws in the bracket</b>	0.4 N·m
<b>Safety related data</b>	
B10 value 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 %
failure rate [FIT] 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
<b>Ambient conditions</b>	
• ambient temperature during operation	-25 ... +70 °C
• ambient temperature during storage	-40 ... +80 °C
environmental category during operation acc. to IEC 60721	3K6
<b>Installation/ mounting/ dimensions</b>	
<b>fastening method</b>	front panel mounting
<b>shape of the installation opening</b>	round
<b>mounting diameter</b>	16 mm
<b>mounting height</b>	21 mm
<b>installation width</b>	28.5 mm
<b>installation depth</b>	50 mm
<b>Accessories</b>	
<b>marking of backing plate</b>	Yellow backing plate, inscription "NOT-HALT"
<b>Certificates/ approvals</b>	
<b>General Product Approval</b>	



Declaration of Conformity

Test Certificates

other

Railway

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=3SB2203-1AC01>

Cax online generator

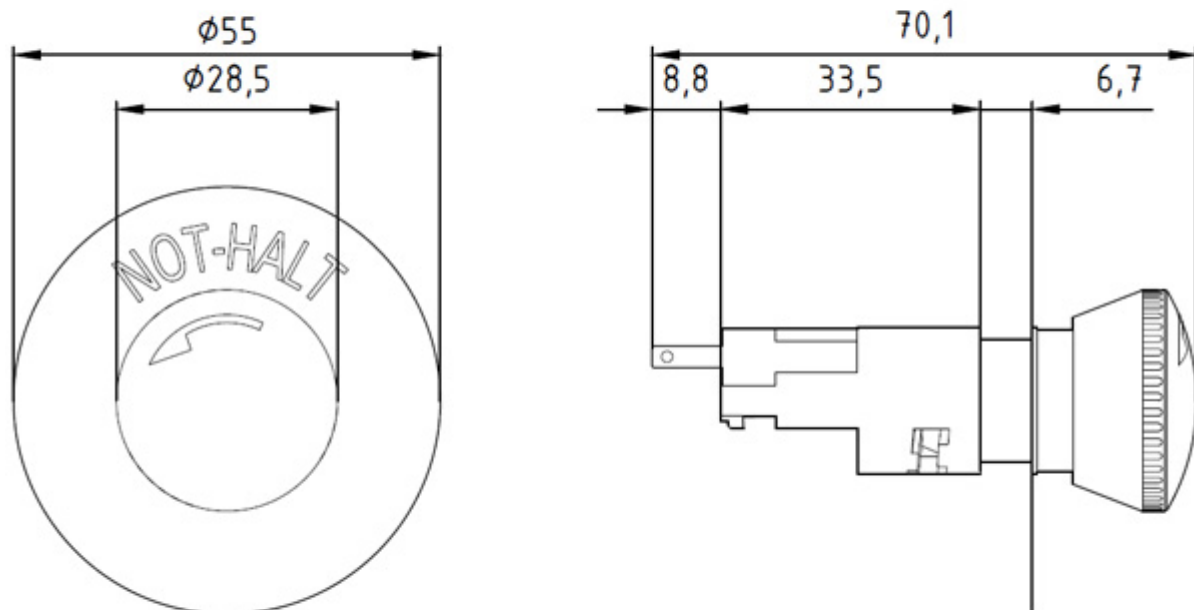
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2203-1AC01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB2203-1AC01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB2203-1AC01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB2203-1AC01&lang=en)



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