



EMERGENCY-STOP MUSHROOM PUSHBUTTON, 16MM, ROUND, PLASTIC, RED, LATCHING, ROTATE-TO-UNLATCH MECHANISM, 1NC, WITH YELLOW BACKING PLATE, INSCRIPTION EMERGENCY-STOP

Design of the product		Complete unit round with positive latching in accordance with ISO 13850
<b>Enclosure:</b>		
Number of control points		1
<b>Actuator:</b>		
Design of the operating mechanism		Emergency stop mushroom pushbutton
Manner of function of the actuating element		Latching
Product expansion optional Light source		No
Color		
• of the actuating element		Red
Material of the actuating element		plastic
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
<b>Contact block/ lampholder:</b>		
Number of lampholders		0
Number of switching elements		1
<b>General technical data:</b>		
Product function		
• positive opening		Yes

• EMERGENCY STOP function		Yes
<b>Type of voltage</b>		
• of the operating voltage		AC/DC
<b>Vibration resistance</b>		
• acc. to IEC 60068-2-6		20 ... 200 Hz: 5g
<b>Operating frequency maximum</b>	1/h	1 000
<b>Mechanical service life (switching cycles)</b>		
• typical		10 000 000
<b>Protection class IP</b>		IP65
<b>Equipment marking</b>		
• acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		S
• acc. to DIN EN 61346-2		S
• acc. to DIN EN 81346-2		S
<b>Operating voltage</b>		
• Rated value	V	5 ... 250

#### Auxiliary circuit:

<b>Number of NC contacts</b>		
• for auxiliary contacts		1
<b>Number of NO contacts</b>		
• for auxiliary contacts		0
<b>Number of CO contacts</b>		
• for auxiliary contacts		0
<b>Operating current at AC-12</b>		
• at 60 V Rated value	A	10
• at 110 V Rated value	A	10
• at 24 V Rated value	A	10
• at 230 V Rated value	A	10
<b>Operating current at AC-15</b>		
• at 230 V Rated value	A	4
<b>Operating current</b>		
• at DC-12		
— at 60 V Rated value	A	5
— at 110 V Rated value	A	2.5
• at DC-13		
— at 24 V Rated value	A	3
— at 60 V Rated value	A	1.2
— at 110 V Rated value	A	0.7

#### Connections/ Terminals:

<b>Type of electrical connection</b>	tab terminals
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#### Safety related data:

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
<b>Failure rate [FIT] with low demand rate acc. to SN 31920</b>	FIT	100
<b>T1 value for proof test interval or service life acc. to IEC 61508</b>	y	20

#### Ambient conditions:

<b>Ambient temperature</b>		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +80




#### Installation/ mounting/ dimensions:

<b>Mounting type</b>		front mounting
<b>Shape of the installation opening</b>		round
<b>Mounting diameter</b>	mm	16

#### Accessories:

<b>Marking of backing plate</b>		Yellow backing plate, inscription "NOT-HALT"
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#### Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other
 ccc		 EG-Konf.	<a href="#">Special Test Certificate</a> <a href="#">other</a> <a href="#">Confirmation</a>

#### other

[Environmental Confirmations](#)

#### Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrymall>

**Cax online generator**

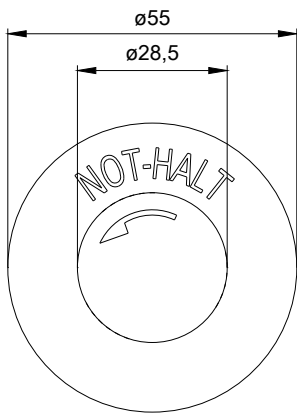
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB22031AC01>

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

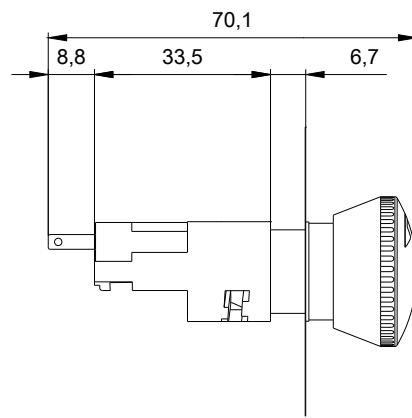
<http://support.automation.siemens.com/WW/view/en/3SB22031AC01/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB22031AC01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB22031AC01&lang=en)



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