

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



<b>Design of the product</b>	Complete unit 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
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

Contact block/ lampholder	
Number of lampholders	0
Number of switching elements	1

### General technical data

<b>Product function</b>	
<ul style="list-style-type: none"> <li>• positive opening</li> <li>• EMERGENCY STOP function</li> </ul>	<p>Yes</p> <p>Yes</p>
<b>Type of voltage</b>	
<ul style="list-style-type: none"> <li>• of the operating voltage</li> </ul>	AC/DC
<b>Protection class IP</b>	IP65
<b>Vibration resistance</b>	
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> </ul>	20 ... 200 Hz: 5g
<b>Operating frequency maximum</b>	1 000 1/h
<b>Mechanical service life (switching cycles)</b>	
<ul style="list-style-type: none"> <li>• typical</li> </ul>	10 000 000
<b>Equipment marking</b>	
<ul style="list-style-type: none"> <li>• acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</li> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to DIN EN 81346-2</li> </ul>	<p>S</p> <p>S</p> <p>S</p>
<b>Operating voltage</b>	
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	5 ... 250 V

### Auxiliary circuit

<b>Number of NC contacts</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>	1
<b>Number of NO contacts</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>	0
<b>Number of CO contacts</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>	0
<b>Operating current at AC-12</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 60 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> </ul>	<p>10 A</p> <p>10 A</p> <p>10 A</p> <p>10 A</p>
<b>Operating current at AC-15</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> </ul>	<p>4 A</p> <p>4 A</p> <p>4 A</p>
<b>Operating current at DC-12</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 60 V rated value</li> </ul>	<p>6 A</p> <p>5 A</p>

<ul style="list-style-type: none"> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> </ul>	2.5 A 1 A
<b>Operating current at DC-13</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 60 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> </ul>	3 A 1.2 A 0.7 A 0.3 A

#### Connections/Terminals

<b>Type of electrical connection</b>	tab terminals
<b>Tightening torque of the screws in the bracket</b>	0.4 N·m

#### Safety related data

<b>B10 value</b>	
<ul style="list-style-type: none"> <li>• with high demand rate acc. to SN 31920</li> </ul>	100 000
<b>Proportion of dangerous failures</b>	
<ul style="list-style-type: none"> <li>• with low demand rate acc. to SN 31920</li> <li>• with high demand rate acc. to SN 31920</li> </ul>	20 % 20 %
<b>Failure rate [FIT]</b>	
<ul style="list-style-type: none"> <li>• with low demand rate acc. to SN 31920</li> </ul>	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>	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	-25 ... +70 °C -40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3K6




#### Installation/ mounting/ dimensions

<b>Mounting type</b>	front 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

#### 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="#">Miscellaneous</a>	<a href="#">Confirmation</a>

other
<a href="#">Environmental Confirmations</a>

### 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=3SB2203-1AC01>

**Cax online generator**

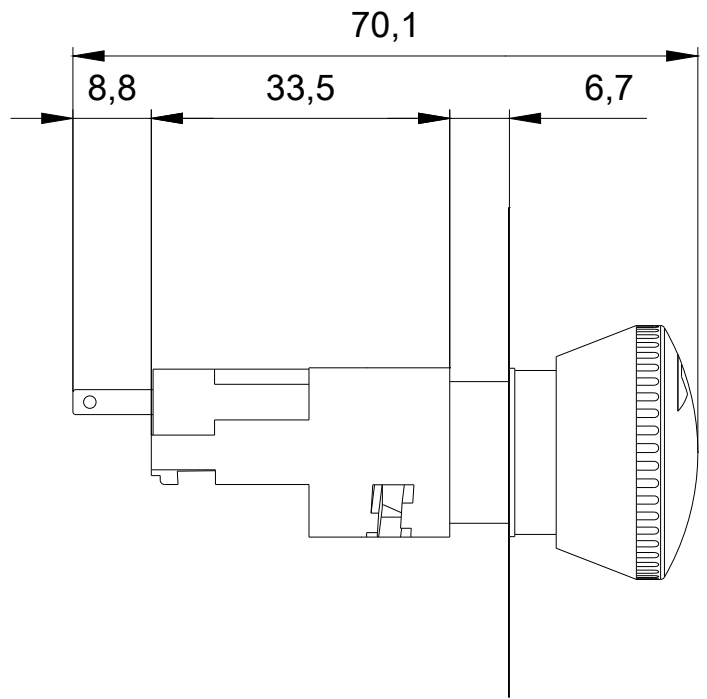
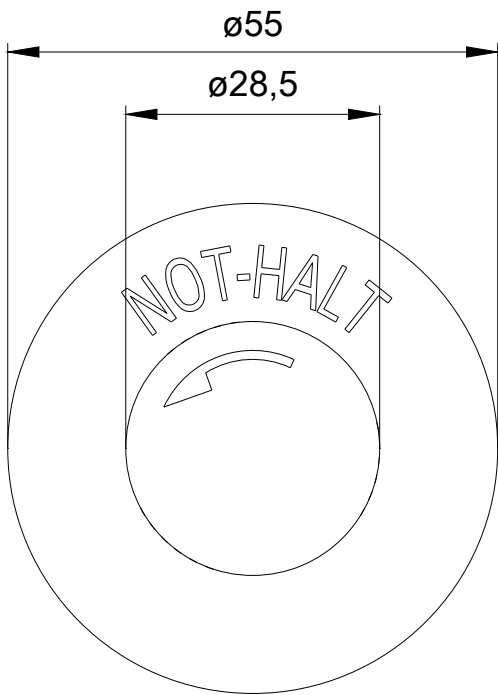
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB2203-1AC01>

**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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