

Emergency stop mushroom pushbutton, 22 mm, round, plastic, red, 40 mm, latching according to EN ISO13850, rotate-to-unlatch, with yellow backing plate, inscription: EMERGENCY OFF, with holder, 1 NC, 1 NC, Screw terminal



Figure similar

<b>Product brand name</b>	SIRIUS ACT
<b>Product designation</b>	EMERGENCY STOP mushroom pushbuttons
<b>Design of the product</b>	Complete unit
<b>Product type designation</b>	3SU1
<b>Manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>• 1 of supplied contact module</li> <li>• 2 of supplied contact module</li> <li>• of the supplied holder</li> <li>• of the supplied actuator</li> <li>• of supplied accessory</li> </ul>	<ul style="list-style-type: none"> <li><a href="#">3SU1400-1AA10-1CA0</a></li> <li><a href="#">3SU1400-1AA10-1CA0</a></li> <li><a href="#">3SU1500-0AA10-0AA0</a></li> <li><a href="#">3SU1000-1LB20-0AA0</a></li> <li><a href="#">3SU1900-0BC31-0AT0</a></li> </ul>

Enclosure	
<b>Number of command points</b>	1

Actuator	
<b>Design of the operating mechanism</b>	positive latching acc. to EN ISO 13850
<b>Manner of function of the actuating element</b>	Latching
<b>Product extension optional Light source</b>	No
<b>Color</b>	

• of the actuating element	Red
<b>Material of the actuating element</b>	plastic
<b>Shape of the actuating element</b>	round
<b>Outer diameter of the actuating element</b>	40 mm
<b>Number of contact modules</b>	2
<b>Type of unlocking device</b>	rotate-to-unlatch mechanism

#### Front ring

<b>Product component front ring</b>	No
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#### Holder

<b>Material of the holder</b>	Plastic
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#### Display

<b>Number of LED modules</b>	0
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#### General technical data

<b>Product function</b>	
• positive opening	Yes
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
<b>Product component</b>	
• Light source	No
<b>Insulation voltage</b>	
• rated value	500 V
<b>Degree of pollution</b>	3
<b>Type of voltage</b>	
• of the operating voltage	AC/DC
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
<b>Degree of protection NEMA rating</b>	NEMA 1, 2, 3, 3R, 4, 4X, 12, 13
<b>Shock resistance</b>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Operating frequency maximum</b>	600 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	300 000
<b>Electrical endurance (switching cycles)</b>	
• typical	300 000
<b>Thermal current</b>	10 A
<b>Continuous current of the C characteristic MCB</b>	10 A; for a short-circuit current smaller than 400 A

Continuous current of the quick DIAZED fuse link	10 A
Continuous current of the DIAZED fuse link gG	10 A
<b>Operating voltage</b>	
<ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> <li>— at 60 Hz rated value</li> </ul> </li> <li>• at DC <ul style="list-style-type: none"> <li>— rated value</li> </ul> </li> </ul>	5 ... 500 V 5 ... 500 V 5 ... 500 V

<b>Power Electronics</b>	
<b>Contact reliability</b>	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)

<b>Auxiliary circuit</b>	
<b>Design of the contact of auxiliary contacts</b>	Silver alloy
<b>Number of NC contacts</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>	2
<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>Connections/Terminals</b>	
<b>Type of electrical connection</b>	
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	Screw-type terminal
<b>Type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>• solid with core end processing</li> <li>• solid without core end processing</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> <li>• at AWG conductors</li> </ul>	2x (0.5 ... 0.75 mm <sup>2</sup> ) 2x (1.0 ... 1.5 mm <sup>2</sup> ) 2x (0.5 ... 1.5 mm <sup>2</sup> ) 2x (1,0 ... 1,5 mm <sup>2</sup> ) 2x (18 ... 14)
<b>Tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m
<b>Tightening torque</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts with screw-type terminals</li> </ul>	0.8 ... 0.9 N·m

<b>Ambient conditions</b>	
<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	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted for all devices behind front panel)

<b>Installation/ mounting/ dimensions</b>	
<b>Mounting type</b>	front mounting
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	Front plate mounting





Height	40 mm
Width	30 mm
Shape of the installation opening	round
Mounting diameter	22.3 mm
Positive tolerance of installation diameter	0.4 mm
Mounting height	46.4 mm
Installation width	75 mm
Installation depth	48.6 mm


#### Accessories

Number of backing plates	1
Marking of backing plate	EMERGENCY-STOP
Color of backing plate	Yellow

#### Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates
 CCC	 EAC	 EG-Konf.
 CSA	 UL	<a href="#">Special Test Certificate</a>

Test Certificates	Marine / Shipping
<a href="#">Type Test Certificates/Test Report</a>	 ABS
	 LRS
	 PRS
	 RINA
	 RMRS

Marine / Shipping	other
 DNV-GL DNVGL.COM/AF	<a href="#">Confirmation</a>

#### Further information

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

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

##### Industry Mall (Online ordering system)

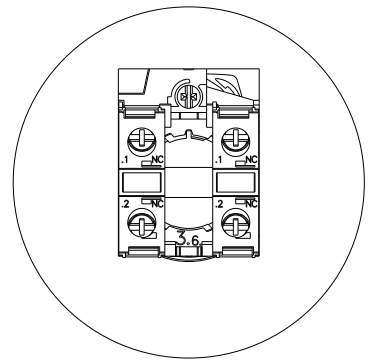
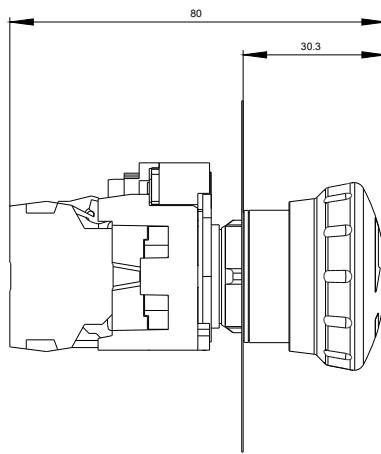
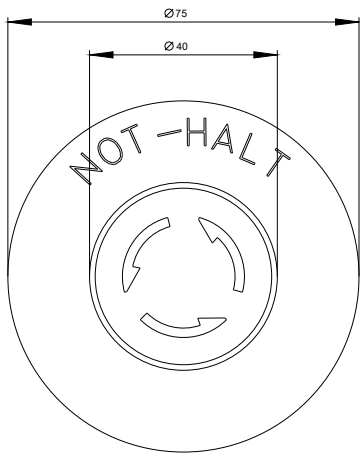
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1100-1LB20-1PH0>

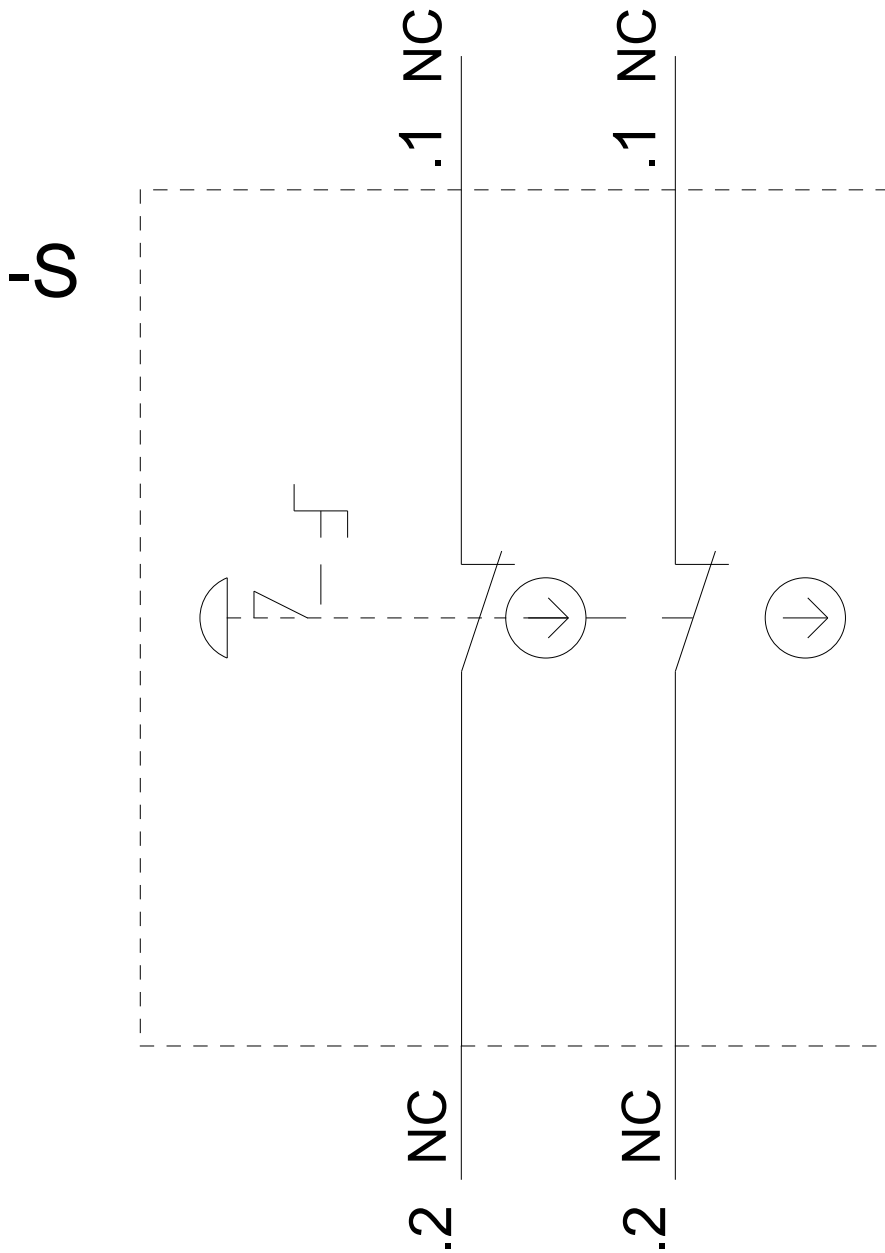
##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-1LB20-1PH0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-1LB20-1PH0>





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