



ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, YELLOW ENCLOSURE TOP PART, WITH PROTECTIVE COLLAR, 1 COMMAND POINT, A=EM. STOP MUSHROOM PUSHB. RED, 40MM, ROTATE-TO-UNLATCH, 1NC, SCREW TERMINAL, FLOOR MOUNTING, TOP AND BOTTOM 1 X M20 EACH !!! Phased-out product !!! SIRIUS ACT 3SU1 is successor Preferred successor type is >>3SU1801-0NA00-2AC2<<

Enclosure	
Design of the housing	Enclosure for command and signaling devices with standard equipment
Shape of the enclosure front	Square
Material of the enclosure	plastic
Number of command points	1
Product component	
• protective collar	Yes
Color	
• of top part of the enclosure	yellow
Delivery state	
• as a kit	No
• pre-wired on strip terminal	No
Mounting type of the enclosure	Vertical / horizontal
Actuator	
Design of the operating mechanism	Emergency stop mushroom pushbutton
Product feature	
• lockout	No
Product extension optional Light source	No

<b>Color</b>	
• of the actuating element	Red
<b>Material of the actuating element</b>	plastic
<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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### Contact block/ lampholder

<b>Number of lampholders</b>	0
<b>Number of switching elements</b>	1

### General technical data

<b>Product function</b>	
• positive opening	Yes
• EMERGENCY OFF function	Yes
• EMERGENCY STOP function	Yes

<b>Product component</b>	
• Light source	No
• Stand/pedestal	No

<b>Type of voltage</b>	
• of the operating voltage	AC/DC

<b>Protection class IP</b>	IP65
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<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	20 ... 200 Hz: 5g

<b>Reference identifier acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b>	S
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<b>Operating voltage</b>	
• at AC	
— at 50 Hz rated value	5 ... 400 V
— at 60 Hz rated value	5 ... 300 V
• at DC	
— rated value	5 ... 230 V

<b>Operating voltage 1</b>	
• at AC	
— at 50 Hz rated value	400 V
— at 60 Hz rated value	300 V
• at DC rated value	230 V

### 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 24 V rated value	10 A
• at 48 V rated value	10 A
• at 110 V rated value	10 A
• at 230 V rated value	10 A
• at 400 V rated value	10 A
<b>Operating current at AC-15</b>	
• at 24 V rated value	6 A
• at 48 V rated value	6 A
• at 110 V rated value	6 A
• at 230 V rated value	6 A
• at 400 V rated value	3 A
<b>Operating current at DC-12</b>	
• at 24 V rated value	10 A
• at 48 V rated value	5 A
• at 110 V rated value	2.5 A
• at 230 V rated value	1 A
<b>Operating current at DC-13</b>	
• at 24 V rated value	3 A
• at 48 V rated value	1.5 A
• at 110 V rated value	0.7 A
• at 230 V rated value	0.3 A

### Connections/Terminals

<b>Type of electrical connection on enclosure</b>	Cable routing above, below / left, right, each 1 x M20
<b>Tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m

### Safety related data

<b>B10 value</b>	
• 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]</b>	
• 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

### Ambient conditions

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

Environmental category during operation acc. to IEC 60721 3K6

### Installation/ mounting/ dimensions

<b>Mounting type</b>	Floor mounting
<ul style="list-style-type: none"> <li>• of contact blocks, socket, and accessories</li> </ul>	
<b>Height</b>	85 mm
<b>Width</b>	85 mm
<b>Depth</b>	106 mm
<b>Shape of the installation opening</b>	round
<b>Mounting diameter</b>	22 mm

### Accessories

<b>Number of labels</b>	0
<b>Number of backing plates</b>	0
<b>Product component holder for 3 switching elements</b>	No

### Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates	Marine / Shipping
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CSA



UL



EG-Konf.

[Special Test Certificate](#)



ABS

Marine / Shipping	other
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LRS



PRS

[Environmental Confirmations](#)

[Confirmation](#)

### 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=3SB3801-0DF3>

**Cax online generator**

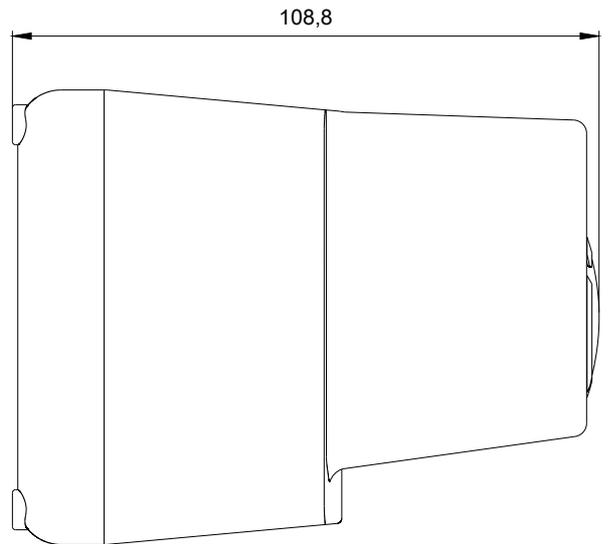
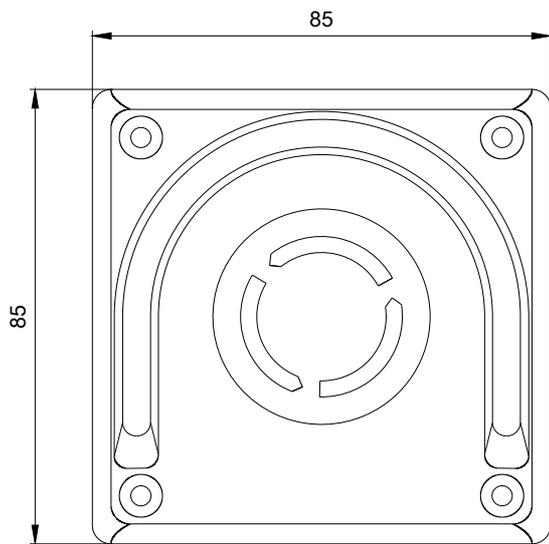
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3801-0DF3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3801-0DF3>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SB3801-0DF3&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3801-0DF3&lang=en)



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