

AS-INTERFACE ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, YELLOW ENCLOSURE TOP PART, WITH PROTECTIVE COLLAR, 1 COMMAND POINT, A=EMERGEN.-STOP MUSHROOM PUSHBUTTON RED, 40MM, ROTATE TO UNLATCH, 1NC, 1NC, CABLE ENTRY FOR SHAPED CABLE ON TOP

Enclosure:	
Design of the housing	AS-Interface enclosure 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	
• pre-wired on strip terminal	Yes
Mounting type of the enclosure	Vertical / horizontal

Actuator:	
Design of the operating mechanism	Emergency stop mushroom pushbutton
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

Front ring:	
Product component front ring	No

Holder:	
Material of the holder	Plastic

Contact block/ lampholder:	
Number of lampholders	0
Number of switching elements	2

General technical data:	
Product function	
• positive opening	Yes
• EMERGENCY OFF function	Yes
• EMERGENCY STOP function	Yes

<b>Product component</b> • Light source	No
<b>Type of voltage</b> • of the operating voltage	DC
<b>Protection class IP</b>	IP65
<b>Vibration resistance</b> • acc. to IEC 60068-2-6	20 ... 200 Hz: 5g
<b>Equipment marking</b> • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2	S S S
<b>Operating voltage</b> • at DC — rated value	26.5 ... 31.5 V
<b>Operating voltage 1</b> • at DC rated value	30 V

#### Auxiliary circuit:

<b>Number of NC contacts</b> • for auxiliary contacts	2
<b>Number of NO contacts</b> • for auxiliary contacts	0
<b>Number of CO contacts</b> • for auxiliary contacts	0

#### Connections/ Terminals:

<b>Type of electrical connection on enclosure</b>	With insulation-displacement terminal, top
<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 • with high demand rate acc. to SN 31920	20 % 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> • during operation • during storage	-25 ... +70 °C -40 ... +80 °C
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## Installation/ mounting/ dimensions:

<b>Mounting type</b>	
• of contact blocks, socket, and accessories	Floor mounting
• of AS-i slaves	Floor mounting
<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

## Measuring circuit:

<b>Product function</b>	EMERGENCY-STOP
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## Accessories:

<b>Number of labels</b>	0
<b>Number of backing plates</b>	0

## Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	other
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## other

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## 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=3SF5811-0AB08>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SF5811-0AB08>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SF5811-0AB08>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SF5811-0AB08&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SF5811-0AB08&lang=en)

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