



AS-INTERFACE ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, YELLOW
ENCLOSURE TOP PART, WITHOUT 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	No
Color	
• of top part of the enclosure	yellow
Delivery state	
• pre-wired on strip terminal	Yes
Mounting type of the enclosure	Vertical

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
Product component	
• Light source	No
Type of voltage	
• of the operating voltage	DC
Protection class IP	IP65
Vibration resistance	
• acc. to IEC 60068-2-6	20 ... 200 Hz: 5g
Equipment marking	
• 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
Operating voltage	
• at DC	
— rated value	26.5 ... 31.5 V
Operating voltage 1	
• at DC rated value	30 V
Auxiliary circuit:	
Number of NC contacts	
• for auxiliary contacts	2
Number of NO contacts	
• for auxiliary contacts	0
Number of CO contacts	
• for auxiliary contacts	0
Connections/ Terminals:	
Type of electrical connection on enclosure	With insulation-displacement terminal, top
Tightening torque of the screws in the bracket	1 ... 1.2 N·m

Safety related data:

B10 value • with high demand rate acc. to SN 31920	100 000
Proportion of dangerous failures • with low demand rate acc. to SN 31920 • with high demand rate acc. to SN 31920	20 % 20 %
Failure rate [FIT] • with low demand rate acc. to SN 31920	100 FIT
T1 value for proof test interval or service life acc. to IEC 61508	20 y

Ambient conditions:

Ambient temperature • during operation • during storage	-25 ... +70 °C -40 ... +80 °C
--	----------------------------------

Installation/ mounting/ dimensions:

Mounting type • of contact blocks, socket, and accessories • of AS-i slaves	Floor mounting Floor mounting
Height	85 mm
Width	85 mm
Depth	64 mm
Shape of the installation opening	round
Mounting diameter	22 mm

Measuring circuit:

Product function	EMERGENCY-STOP
-------------------------	----------------

Accessories:

Number of labels	0
Number of backing plates	0

Certificates/approvals

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



[sonstig](#)



[sonstig](#)

other

[Bestätigungen](#)

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=3SF5811-0AA08>

Cax online generator

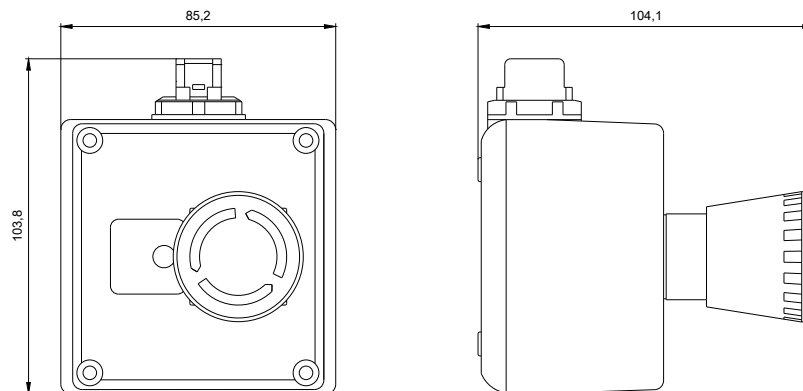
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SF5811-0AA08>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SF5811-0AA08>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SF5811-0AA08&lang=en



last modified:

10/07/2016