

AS-INTERFACE ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, PLASTIC ENCL. MATERIAL, YELLOW ENCLOSURE TOP PART, WITHOUT PROTECTIVE COLLAR, 1 COMMAND POSITION, A=EMERG. STOP RED MUSHROOM PUSHBUTTON, 40MM, ROTATE-TO-UNLATCH, 1NC, 1NC, 2 SIGNS: EMERG. STOP SUPPLIED LOOSE GER/EN, M12 CONNEX. PLUG 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	M12 connector, 4-pole, 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	20 %
• with high demand rate acc. to SN 31920	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	-25 ... +70 °C
• during storage	-40 ... +80 °C

Installation/ mounting/ dimensions:

Mounting type	
• of contact blocks, socket, and accessories	Floor mounting
• of AS-i slaves	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
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Accessories:

Number of labels	2
Marking of the name plate for command devices	NOT-HALT
Color of the label	Black
Number of backing plates	0

Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	other
 TUV		 EG-Konf.	 ASi

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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=3SF5811-0AA10>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SF5811-0AA10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SF5811-0AA10>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SF5811-0AA10&lang=en

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