



AS-INTERFACE ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, GRAY ENCLOSURE TOP PART, 2 COMMAND POINTS, B=WHITE PUSHBUTTON, LABEL: I, 1NO, A=BLACK PUSHBUTTON, LABEL: O, 1NO, CABLE ENTRY FOR SHAPED CABLE ON TOP

Figure similar

Enclosure:	
Design of the housing	AS-Interface enclosure with standard equipment
Shape of the enclosure front	rectangular
Material of the enclosure	plastic
Number of command points	2
Product component	
• protective collar	No
Color	
• of top part of the enclosure	grey
Delivery state	
• pre-wired on strip terminal	Yes
Mounting type of the enclosure	Vertical
Actuator:	
Design of the operating mechanism	Pushbutton
Product extension optional Light source	No
Color	
• of the actuating element	A = black / B = white

Material of the actuating element	plastic
Type of unlocking device	without
Front ring:	
Product component front ring	Yes
Material of the front ring	plastic
Color of the front ring	black
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	No
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
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	0
Number of NO contacts	
• for auxiliary contacts	2
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

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	114 mm
Width	85 mm
Depth	64 mm
Shape of the installation opening	round
Mounting diameter	22 mm

Measuring circuit:

Product function	miscellaneous
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Accessories:

Number of labels	2
Marking of the name plate for command devices	A = O / B = I
Color of the label	Black
Number of backing plates	0

Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	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=3SF5812-0DB00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SF5812-0DB00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SF5812-0DB00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SF5812-0DB00&lang=en

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