

AS-INTERFACE ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, ENCLOSURE TOP PART YELLOW, 1 COMMAND POINT PLASTIC, RECESS FOR LABEL, A=EM. STOP MUSH. PUSHB. RED, 40MM, ROTATE TO UNLATCH, 1NC, 1NC, SPRING-TYPE TERMINAL, BASE MOUNTING, INSULATION DISPL. METHOD AT TOP

Product brand name	SIRIUS ACT
Product designation	Enclosures
Product type designation	3SU1
Manufacturer's article number	
• of supplied contact module • of supplied contact module at the command point A 1 • of supplied contact module at the command point A 2 • of supplied communication module • of the supplied holder • of the supplied holder at the command point A • of the supplied actuator • of the supplied actuator at the command point A • of supplied empty enclosure	A1 = 3SU1400-2AA10-3CA0, A2 = 3SU1400-2AA10-3CA0 3SU1400-2AA10-3CA0 3SU1400-2AA10-3CA0 AB = 3SU1400-2EA10-6AA0 A = 3SU1500-0AA10-0AA0 3SU1500-0AA10-0AA0 A = 3SU1000-1HB20-0AA0 3SU1000-1HB20-0AA0 3SU1801-0AA00-0AB2

Enclosure	
Design of the housing	with recess for label
Shape of the enclosure front	Square
Material of the enclosure	plastic
Number of command points	1
Product component	
• EMERGENCY STOP device • protective collar	Yes No
Color	
• of top part of the enclosure	yellow
Delivery state	
• as a kit • pre-wired on strip terminal	No No
Mounting type of the enclosure	Vertical

Actuator	
Design of the operating mechanism	Emergency stop mushroom pushbutton

Suitability for use EMERGENCY OFF switch	Yes
Product feature	
• lockout	No
Product extension optional Light source	No
Color	
• of the actuating element	Red
Material of the actuating element	plastic
Shape of the actuating element	round
Number of contact modules	2
Type of unlocking device	A = rotate-to-unlatch mechanism

Front ring

Product component front ring	No
Design of the front ring	Standard
Material of the front ring	plastic
Color of the front ring	black

Holder

Material of the holder	Plastic
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Display

Number of LED modules	0
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General technical data

Product function	
• positive opening	Yes
• EMERGENCY OFF function	Yes
• EMERGENCY STOP function	Yes
Protection class IP	IP66, IP67, IP69(IP69K)
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12K
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Equipment marking	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
Continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
Continuous current of the quick DIAZED fuse link	10 A
Continuous current of the DIAZED fuse link gG	10 A

Main circuit

Operating voltage	
• at AC	

— at 50 Hz rated value	5 ... 500 V
— at 60 Hz rated value	5 ... 500 V
• at DC	
— rated value	5 ... 500 V

Mechanical data

Cable entry type	Adapter ASI shaped cable (insulation displacement method) M20 cable entry
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Auxiliary circuit

Design of the contact of auxiliary contacts	Silver alloy
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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	
• of modules and accessories	Spring-type terminal

Type of electrical connection on enclosure	Cable routing above and below, both 1 x M20
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Tightening torque of the screws in the bracket	1 ... 1.2 N·m
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Tightening torque of mounting screws in the enclosure cover	1.5 ... 1.7 N·m
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Interfaces

Design of the interface	
• for communication	without

Ambient conditions

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted for all devices behind front panel)

Installation/ mounting/ dimensions

Mounting type	
• of modules and accessories	Floor mounting
Height	105.4 mm
Width	85 mm
Depth	109 mm
Shape of the installation opening	round

Accessories

Number of labels	1
Marking of the name plate for command devices	A = I
Color of the label	A = black

Certificates/approvals

General Product Approval	Declaration of Conformity
 CCC	 EG-Konf.
 CSA	
 UL	
 VDE	
 EAC	

Test Certificates	Marine / Shipping
Declaration of the Compliance with the order	Special Test Certificate
	 ABS
	 LRS
	 PRS
	 RINA

Marine / Shipping	other
 RMRS	Confirmation
 DNV-GL DNVGL.COM/AF	

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=3SU1801-0NB10-4HB2>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1801-0NB10-4HB2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1801-0NB10-4HB2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1801-0NB10-4HB2&lang=en

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