



Figure similar

AS-INTERFACE ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, ENCLOSURE TOP PART GRAY, 2 COMMAND POINTS PLASTIC, RECESS FOR LABELS, B=PUSHBUTTON GREEN, LABEL: I, 1NO, SPRING-TYPE TERMINAL, A=PUSHBUTTON RED, LABEL: O, 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 B 2 • of supplied communication module • of the supplied holder • of the supplied holder at the command point A • of the supplied holder at the command point B • of the supplied actuator • of the supplied actuator at the command point A • of the supplied actuator at the command point B

A1 = 3SU1400-2AA10-3CA0 / B2 = 3SU1400-2AA10-3BA0
[3SU1400-2AA10-3CA0](#)
[3SU1400-2AA10-3BA0](#)

AB = 3SU1400-2EK10-6AA0
A = 3SU1500-0AA10-0AA0, B = 3SU1500-0AA10-0AA0
[3SU1500-0AA10-0AA0](#)
[3SU1500-0AA10-0AA0](#)

A = 3SU1000-0AB20-0AA0 / B = 3SU1000-0AB40-0AA0
[3SU1000-0AB20-0AA0](#)
[3SU1000-0AB40-0AA0](#)

- of supplied empty enclosure
- of supplied accessory
- of the supplied accessories at the command point A
- of the supplied accessories at the command point B

[3SU1802-0AA00-0AB1](#)

A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0

[3SU1900-0AF16-0QA0](#)

[3SU1900-0AF16-0QB0](#)

Enclosure	
Design of the housing	with recess for label
Shape of the enclosure front	rectangular
Material of the enclosure	plastic
Number of command points	2
Product component	
• EMERGENCY STOP device	No
• protective collar	No
Color	
• of top part of the enclosure	grey
Delivery state	
• as a kit	No
• pre-wired on strip terminal	Yes
Mounting type of the enclosure	Vertical
Actuator	
Design of the operating mechanism	Pushbutton / pushbutton
Suitability for use EMERGENCY OFF switch	No
Product feature	
• lockout	No
Product extension optional Light source	No
Color	
• of the actuating element	A = red / B = green
Material of the actuating element	plastic
Shape of the actuating element	round
Number of contact modules	2
Type of unlocking device	A = none / B = none
Front ring	
Product component front ring	Yes
Design of the front ring	Standard
Material of the front ring	plastic
Color of the front ring	black
Holder	
Material of the holder	Plastic
Display	
Number of LED modules	0

General technical data

Product function	
• positive opening	Yes
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
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	18 ... 31.6 V
— at 60 Hz rated value	18 ... 31.6 V
• at DC	
— rated value	18 ... 31.6 V

Mechanical data

Cable entry type	Adapter ASI shaped cable (insulation displacement method) M20 cable entry
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Communication/ Protocol

Type of electrical connection of the communication interface	Insulation piercing technology top/right
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Auxiliary circuit

Design of the contact of auxiliary contacts	Silver alloy
Number of NC contacts	
• for auxiliary contacts	1
Number of NO contacts	
• for auxiliary contacts	1
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
Tightening torque of the screws in the bracket	1 ... 1.2 N·m
Tightening torque of mounting screws in the enclosure cover	1.5 ... 1.7 N·m
Interfaces	
Design of the interface	
• for communication	AS-i
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	134.4 mm
Width	85 mm
Depth	75 mm
Shape of the installation opening	round
Accessories	
Number of labels	2
Marking of the name plate for command devices	A = O / B = I
Color of the label	A = black / B = black
Certificates/approvals	

General Product Approval	Declaration of Conformity
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Test Certificates	Shipping Approval
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[Declaration of the Compliance with the order](#)

[Special Test Certificate](#)



Shipping Approval	other
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[Confirmation](#)

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=3SU1802-0AB10-4HB1>

Cax online generator

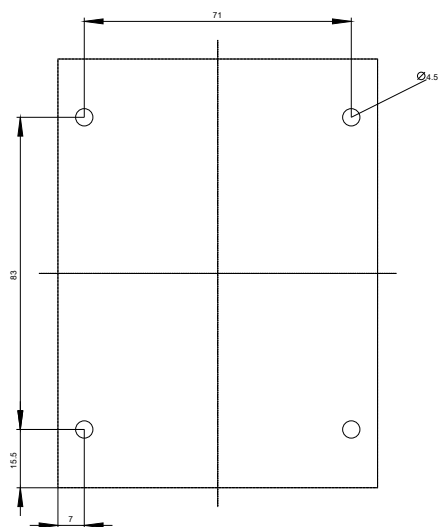
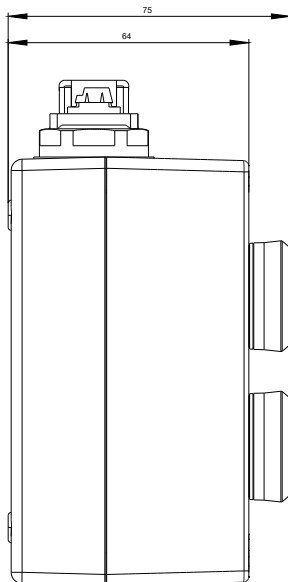
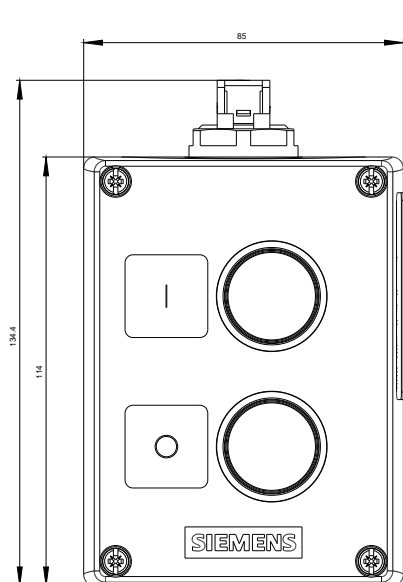
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1802-0AB10-4HB1>

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

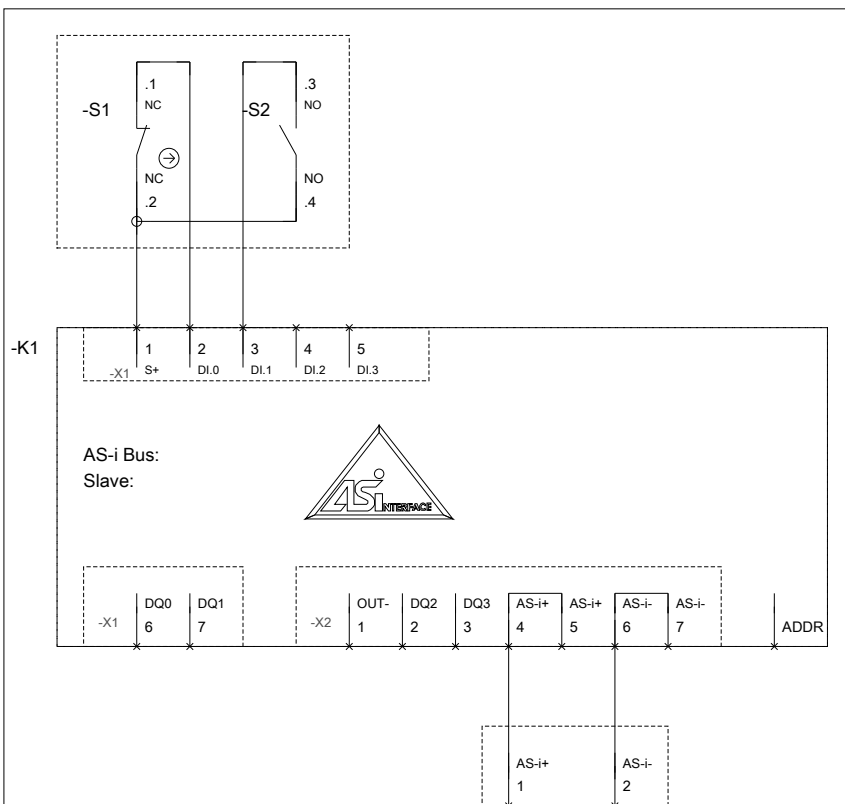
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1802-0AB10-4HB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1802-0AB10-4HB1&lang=en



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