



AS-Interface enclosure for command devices, 22 mm, round, Enclosure material plastic, enclosure top part gray, 3 control points plastic, Recess for labels, C=Indicator light clear, label without inscription, B=Pushbutton green, label: I, 1 NO, spring-type terminal, A=Pushbutton red, label: O, 1 NC, spring-type terminal, floor mounting, Insulation displacement system on top, Labels enclosed

<b>Product brand name</b>	SIRIUS ACT
<b>Product designation</b>	Enclosures
<b>Product type designation</b>	3SU1
<b>Manufacturer's article number</b>	<ul style="list-style-type: none"> <li>• of supplied contact module A1 = 3SU1400-2AA10-3CA0 / B2 = 3SU1400-2AA10-3BA0 <a href="#">3SU1400-2AA10-3CA0</a></li> <li>• of supplied contact module at the command point A 1</li> <li>• of supplied contact module at the command point B 2 <a href="#">3SU1400-2AA10-3BA0</a></li> <li>• of supplied LED module C3 = 3SU1401-2BB60-3AA0 <a href="#">3SU1401-2BB60-3AA0</a></li> <li>• of supplied LED module at the command point C</li> <li>• of supplied communication module AB = 3SU1400-2EK10-6AA0</li> <li>• of the supplied holder A = 3SU1500-0AA10-0AA0, B = 3SU1500-0AA10-0AA0, C = 3SU1500-0AA10-0AA0 <a href="#">3SU1500-0AA10-0AA0</a></li> <li>• of the supplied holder at the command point A <a href="#">3SU1500-0AA10-0AA0</a></li> <li>• of the supplied holder at the command point B <a href="#">3SU1500-0AA10-0AA0</a></li> <li>• of the supplied holder at the command point C <a href="#">3SU1500-0AA10-0AA0</a></li> <li>• of the supplied actuator A = 3SU1000-0AB20-0AA0 / B = 3SU1000-0AB40-0AA0</li> </ul>

- of the supplied actuator at the command point A
- of the supplied actuator at the command point B
- of the supplied actuator at the command point C
- of supplied repeater
- 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
- of the supplied accessories at the command point C

[3SU1000-0AB20-0AA0](#)

[3SU1000-0AB40-0AA0](#)

[3SU1001-6AA60-0AA0](#)

C = 3SU1001-6AA60-0AA0

[3SU1803-0AA00-0AB1](#)

A = 3SU1900-0AF16-0QA0, B = 3SU1900-0AF16-0QB0, C = 3SU1900-0AF16-0AA0

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

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

[3SU1900-0AF16-0AA0](#)

## Enclosure

<b>Design of the housing</b>	with recess for label
<b>Shape of the enclosure front</b>	rectangular
<b>Material of the enclosure</b>	plastic
<b>Number of command points</b>	3
<b>Product component</b>	
• EMERGENCY STOP device	No
• protective collar	No
<b>Color</b>	
• of top part of the enclosure	grey
<b>Delivery state</b>	
• as a kit	No
• pre-wired on strip terminal	Yes
<b>Mounting type of the enclosure</b>	Vertical

## Actuator

<b>Design of the operating mechanism</b>	Pushbutton / pushbutton / indicator light
Suitability for use EMERGENCY OFF switch	No
<b>Product feature</b>	
• lockout	No
<b>Product extension optional Light source</b>	Yes
<b>Color</b>	
• of the actuating element	A = red / B = green / C = clear
<b>Material of the actuating element</b>	plastic
<b>Shape of the actuating element</b>	round
<b>Number of contact modules</b>	2
<b>Type of unlocking device</b>	A = none / B = none / C = 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	1

General technical data	
<b>Product function</b>	
<ul style="list-style-type: none"> <li>• positive opening</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• EMERGENCY OFF function</li> </ul>	No
<ul style="list-style-type: none"> <li>• EMERGENCY STOP function</li> </ul>	No
<b>Protection class IP</b>	IP66, IP67, IP69(IP69K)
<b>Degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12K, 13
<b>Shock resistance</b>	
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> </ul>	Sinusoidal half-wave 50 g / 11 ms
<ul style="list-style-type: none"> <li>• for railway applications acc. to DIN EN 61373</li> </ul>	Category 1, Class B
<b>Vibration resistance</b>	
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> </ul>	10 ... 500 Hz: 5g
<ul style="list-style-type: none"> <li>• for railway applications acc. to DIN EN 61373</li> </ul>	Category 1, Class B
<b>Reference code acc. to DIN EN 81346-2</b>	S
<b>Reference code acc. to DIN EN 61346-2</b>	S
<b>Continuous current of the C characteristic MCB</b>	10 A; for a short-circuit current smaller than 400 A
<b>Continuous current of the quick DIAZED fuse link</b>	10 A
<b>Continuous current of the DIAZED fuse link gG</b>	10 A
<b>Operating voltage</b>	
<ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> <li>— at 60 Hz rated value</li> </ul> </li> </ul>	24 ... 24 V 24 ... 24 V
<ul style="list-style-type: none"> <li>• at DC <ul style="list-style-type: none"> <li>— rated value</li> </ul> </li> </ul>	24 ... 24 V
<b>Cable entry type</b>	Adapter ASI shaped cable (insulation displacement method) M20 cable entry

Communication/ Protocol	
Type of electrical connection of the communication interface	Insulation piercing technology top/right

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
<b>Connections/ Terminals</b>	
<b>Type of electrical connection</b>	
• of modules and accessories	Spring-type terminal
<b>Tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m
<b>Tightening torque of mounting screws in the enclosure cover</b>	1.5 ... 1.7 N·m
<b>Lamp</b>	
<b>Light intensity</b>	900 ... 1 400 mcd
<b>Interfaces</b>	
<b>Design of the interface</b>	
• for communication	AS-i
<b>Ambient conditions</b>	
<b>Ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted for all devices behind front panel)
<b>Installation/ mounting/ dimensions</b>	
<b>Mounting type</b>	
• of modules and accessories	Floor mounting
<b>Height</b>	174.4 mm
<b>Width</b>	85 mm
<b>Depth</b>	75.8 mm
<b>Shape of the installation opening</b>	round
<b>Accessories</b>	
<b>Number of labels</b>	3
<b>Marking of the name plate for command devices</b>	A = O / B = I / C = "ohne Aufschrift"
<b>Color of the label</b>	A = black / B = black / C = black
<b>Number of inscription plates</b>	0
<b>Certificates/ approvals</b>	

General Product Approval	Declaration of Conformity
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CCC



CSA



UL



VDE



EG-Konf.

Declaration of Conformity	Test Certificates	other	
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Confirmation](#)

## Further information

### Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1803-0AB10-4HB1>

### Cax online generator

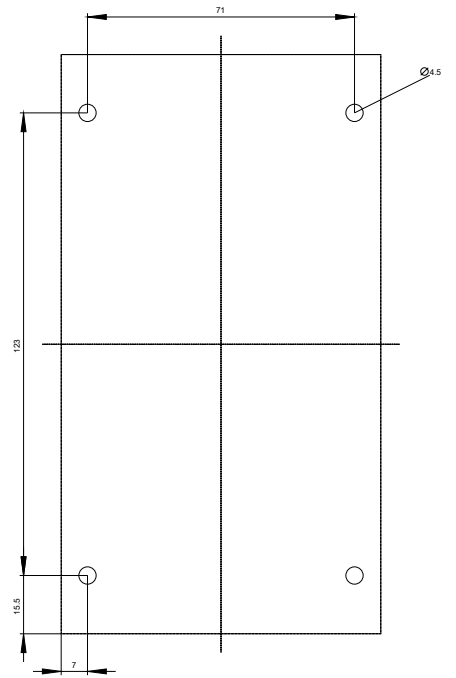
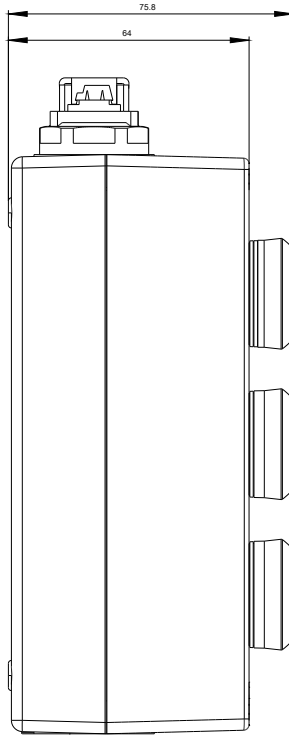
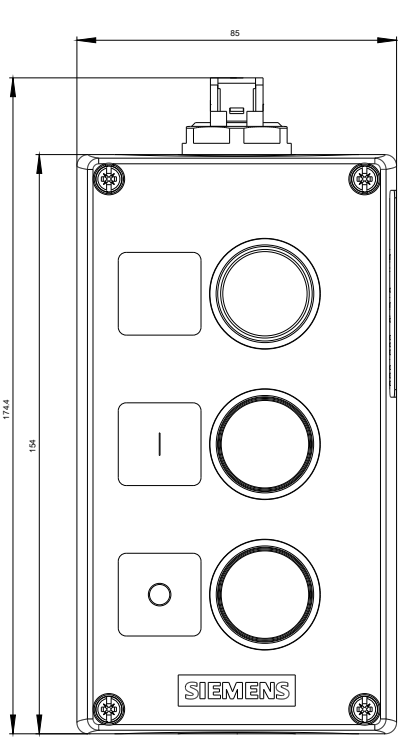
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1803-0AB10-4HB1>

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

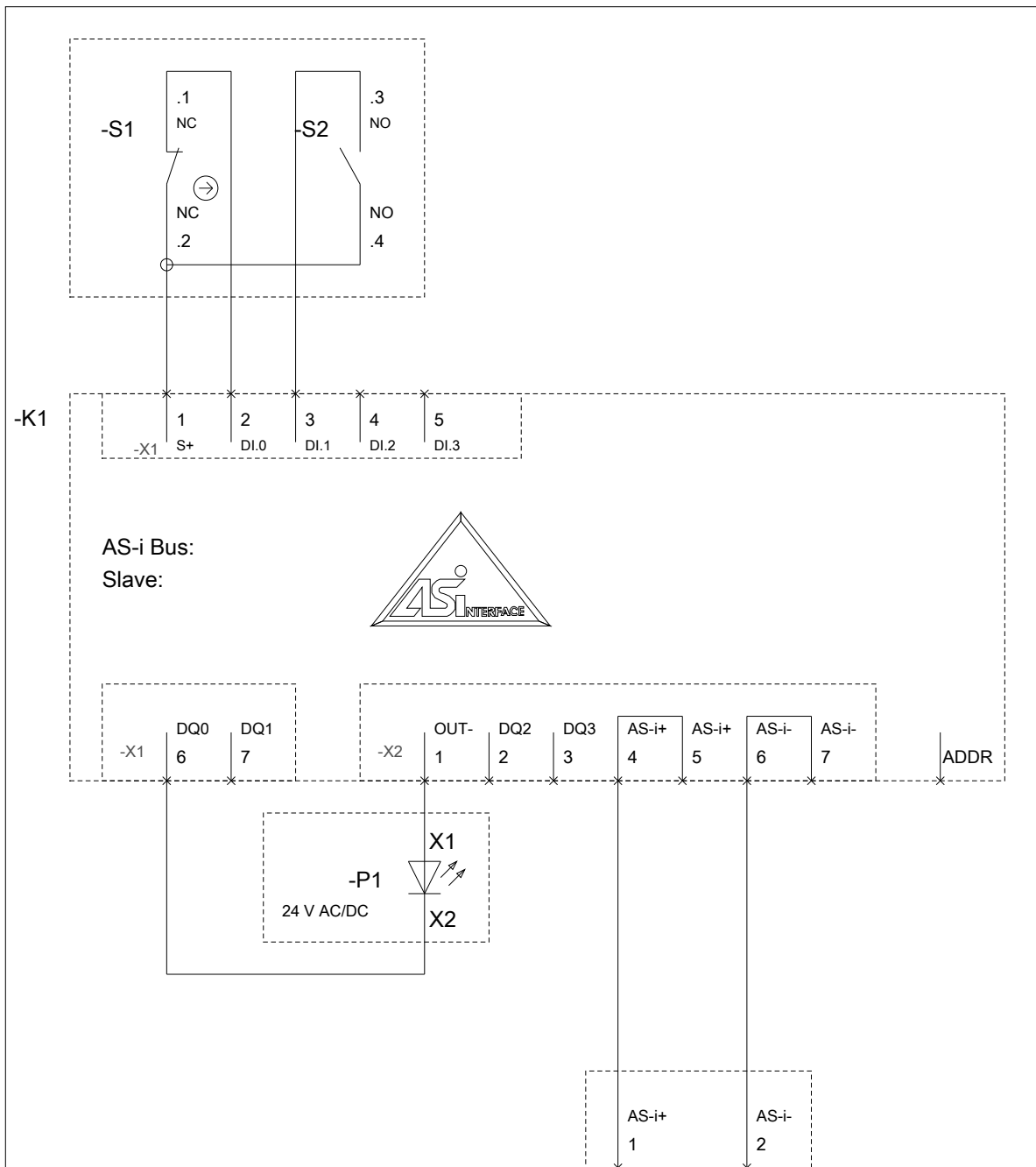
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1803-0AB10-4HB1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1803-0AB10-4HB1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1803-0AB10-4HB1&lang=en)



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