

Enclosure for command devices, 22 mm, round, enclosure material metal, enclosure top part gray, 1 control point metal, A=Pushbutton yellow, 1 NO, spring-loaded terminal, floor mounting, silver label, black font, with graphic symbol: Error, M12 connector (5-pin) bottom, insulated reserve conductors Label glued in

<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</li> <li>• of supplied contact module at the command point A 1</li> <li>• of the supplied holder</li> <li>• of the supplied holder at the command point A</li> <li>• of the supplied actuator</li> <li>• of the supplied actuator at the command point A</li> <li>• of supplied empty enclosure</li> </ul>	<p>A1 = 3SU1400-2AA10-3BA0 <a href="#">3SU1400-2AA10-3BA0</a></p> <p>A = 3SU1550-0AA10-0AA0 <a href="#">3SU1550-0AA10-0AA0</a></p> <p>A = 3SU1050-0AB30-0AA0 <a href="#">3SU1050-0AB30-0AA0</a></p> <p><a href="#">3SU1851-0AA00-0AB1</a></p>

Enclosure	
<b>Design of the housing</b>	with recess for label
<b>Shape of the enclosure front</b>	Square
<b>Material of the enclosure</b>	metal
<b>Number of command points</b>	1
<b>Product component</b>	
<ul style="list-style-type: none"> <li>• EMERGENCY STOP device</li> <li>• protective collar</li> </ul>	<p>No</p> <p>No</p>
<b>Color</b>	
<ul style="list-style-type: none"> <li>• of top part of the enclosure</li> </ul>	grey
<b>Delivery state</b>	
<ul style="list-style-type: none"> <li>• as a kit</li> <li>• pre-wired on strip terminal</li> </ul>	<p>No</p> <p>Yes</p>
<b>Mounting type of the enclosure</b>	Vertical

Actuator	
<b>Design of the operating mechanism</b>	Pushbutton
Suitability for use EMERGENCY OFF switch	No
<b>Product feature</b>	
<ul style="list-style-type: none"> <li>• lockout</li> </ul>	No
<b>Product extension optional Light source</b>	No

<b>Color</b>	
• of the actuating element	yellow
<b>Material of the actuating element</b>	metal
<b>Shape of the actuating element</b>	round
<b>Number of contact modules</b>	1
<b>Type of unlocking device</b>	A = without

<b>Front ring</b>	
<b>Product component front ring</b>	Yes
<b>Design of the front ring</b>	Standard
<b>Material of the front ring</b>	Metal, high gloss
<b>Color of the front ring</b>	silver

<b>Holder</b>	
<b>Material of the holder</b>	Metal

<b>Display</b>	
<b>Number of LED modules</b>	0

<b>General technical data</b>	
<b>Product function</b>	
• positive opening	No
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
<b>Protection class IP</b>	IP66, IP67, IP69(IP69K)
<b>Degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12, 13
<b>Shock resistance</b>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
<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>	
• 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
<b>Cable entry type</b>	M12 5-pole connector

<b>Auxiliary circuit</b>	
<b>Design of the contact of auxiliary contacts</b>	Silver alloy
<b>Number of NC contacts for auxiliary contacts</b>	0

Number of NO contacts for auxiliary contacts	1
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### Connections/ Terminals

<b>Type of electrical connection</b>	
• of modules and accessories	Spring-type terminal
<b>Type of electrical connection on enclosure</b>	M12 connector, 5-pole
<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

### Interfaces

<b>Design of the interface</b>	
• for communication	without

### Ambient conditions

<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, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted for all devices behind front panel)

### Installation/ mounting/ dimensions

<b>Mounting type</b>	
• of modules and accessories	Floor mounting
<b>Height</b>	89.4 mm
<b>Width</b>	85 mm
<b>Depth</b>	75 mm
<b>Shape of the installation opening</b>	round

### Accessories

<b>Number of labels</b>	1
<b>Color of the label</b>	A = black
<b>Number of inscription plates</b>	0

### Certificates/ approvals

General Product Approval	Declaration of Conformity
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Declaration of Conformity	Test Certificates	Marine / Shipping
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping	other
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[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=3SU1851-0AG00-4NB1>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-0AG00-4NB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-0AG00-4NB1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1851-0AG00-4NB1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-0AG00-4NB1&lang=en)

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