



holder, 3-way, metal, 1 NO+1 NC, screw terminal

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Holders
<b>product type designation</b>	3SU1
<b>manufacturer's article number</b>	
• of supplied contact module	3SU1400-1AA10-1FA0
• of supplied contact module at position 1	3SU1400-1AA10-1FA0
• of the supplied holder	3SU1550-0AA10-0AA0
<b>Actuator</b>	
<b>design of the actuating element</b>	3-way with module
<b>number of contact modules</b>	1
<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 positive opening</b>	Yes
<b>product component</b>	
• diode	No
• lamp transformer	No
• light source	No
• series resistor	No
<b>insulation voltage rated value</b>	500 V
<b>degree of pollution</b>	3
<b>surge voltage resistance rated value</b>	6 kV
<b>protection class IP of the terminal</b>	IP20, clamping screw tightened
<b>shock resistance</b>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>operating frequency maximum</b>	3 600 1/h
<b>mechanical service life (switching cycles) typical</b>	10
<b>thermal current</b>	10 A
<b>reference code acc. to IEC 81346-2</b>	U
<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
<ul style="list-style-type: none"> <li>operating voltage at AC <ul style="list-style-type: none"> <li>at 50 Hz rated value</li> <li>at 60 Hz rated value</li> </ul> </li> <li>operating voltage at DC rated value</li> </ul>	5 ... 500 V 5 ... 500 V 5 ... 500 V

### Power Electronics

<b>contact reliability</b>	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
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### Auxiliary circuit

<b>design of the contact of auxiliary contacts</b>	Silver alloy
<b>number of NC contacts for auxiliary contacts</b>	1
<b>number of NO contacts for auxiliary contacts</b>	1
operational current at AC-15 at 230 V rated value	6 A

### Connections/ Terminals

<b>type of electrical connection</b>	
<ul style="list-style-type: none"> <li>of modules and accessories</li> </ul>	Screw-type terminal
<b>type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>solid with core end processing</li> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables</li> </ul>	2x (0.5 ... 0.75 mm <sup>2</sup> ) 2x (1.0 ... 1.5 mm <sup>2</sup> ) 2x (0.5 ... 1.5 mm <sup>2</sup> ) 2x (1,0 ... 1,5 mm <sup>2</sup> ) 2x (18 ... 14)
<b>tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m
<ul style="list-style-type: none"> <li>tightening torque with screw-type terminals</li> <li>tightening torque for grounding</li> </ul>	0.8 ... 0.9 N·m 0.8 ... 1 N·m

### Ambient conditions

<ul style="list-style-type: none"> <li>ambient temperature during operation</li> <li>ambient temperature during storage</li> </ul>	-25 ... +70 °C -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)

### Installation/ mounting/ dimensions

<b>fastening method</b>	front panel mounting
<ul style="list-style-type: none"> <li>of modules and accessories</li> </ul>	Front plate mounting
<b>height</b>	40 mm
<b>width</b>	30 mm
<b>shape of the installation opening</b>	round
<b>installation width</b>	30 mm
<b>installation depth</b>	71.8 mm

### Certificates/ approvals

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>Test Certificates</b>
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[Miscellaneous](#)



[Type Test Certificates/Test Report](#)

### Test Certificates Marine / Shipping

[Special Test Certificate](#)



### other

**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=3SU1550-1AA10-1FA0>

**Cax online generator**

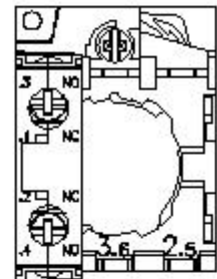
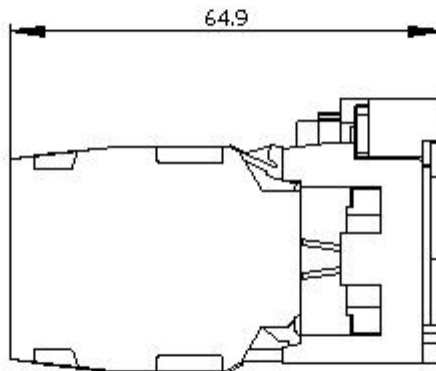
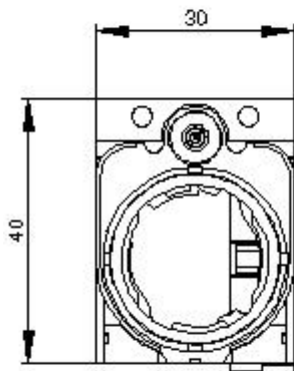
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1550-1AA10-1FA0>

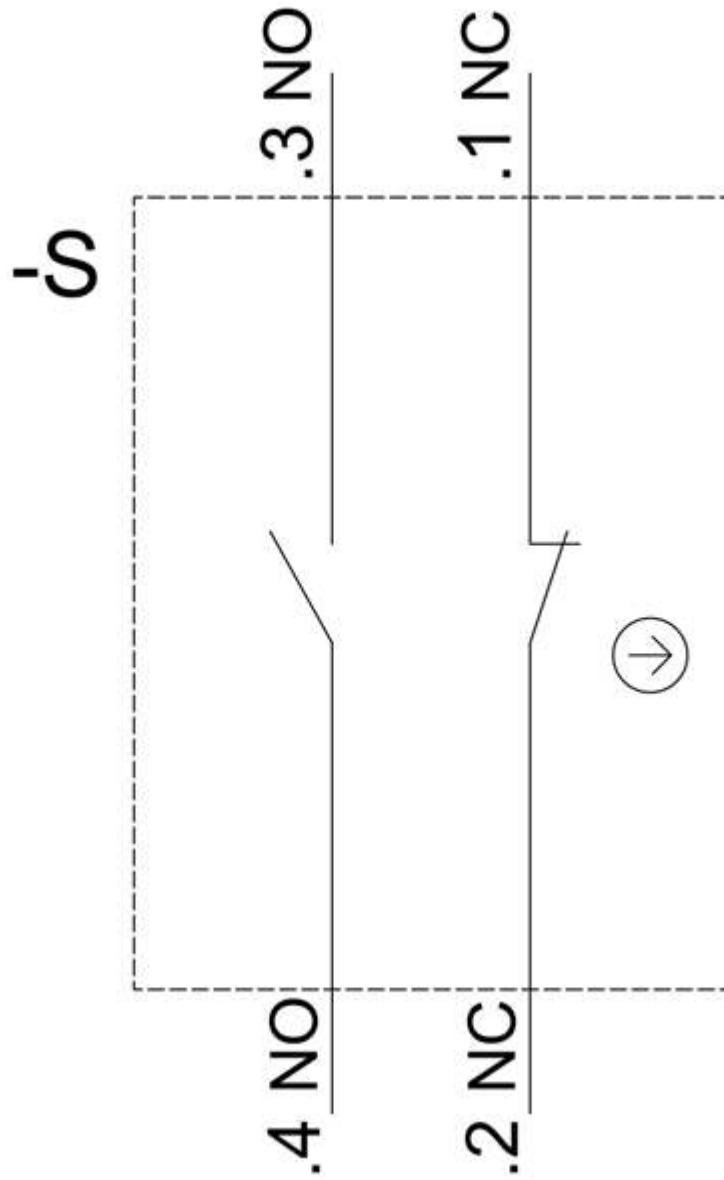
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1550-1AA10-1FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1550-1AA10-1FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1550-1AA10-1FA0&lang=en)





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