



holder, 3-way, metal, 1 NC, 1 NC, screw terminal

product brand name	SIRIUS ACT
product designation	Holders
product type designation	3SU1
manufacturer's article number	
<ul style="list-style-type: none"> • of supplied contact module • of supplied contact module at position 1 • of supplied contact module at position 2 • of the supplied holder 	3SU1400-1AA10-1CA0, 3SU1400-1AA10-1CA0 3SU1400-1AA10-1CA0 3SU1400-1AA10-1CA0 3SU1550-0AA10-0AA0
Actuator	
design of the actuating element	3-way with module
number of contact modules	2
Holder	
material of the holder	Metal
Display	
number of LED modules	0
General technical data	
product function positive opening	Yes
product component	
<ul style="list-style-type: none"> • diode • lamp transformer • light source • series resistor 	No No No No
insulation voltage rated value	500 V
degree of pollution	3
surge voltage resistance rated value	6 kV
protection class IP of the terminal	IP20
shock resistance	
<ul style="list-style-type: none"> • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 	Sinusoidal half-wave 50g / 11 ms Category 1, Class B
vibration resistance	
<ul style="list-style-type: none"> • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 	10 ... 500 Hz: 5g Category 1, Class B
operating frequency maximum	3 600 1/h
mechanical service life (switching cycles) typical	10
thermal current	10 A
reference code acc. to IEC 81346-2	U
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
<ul style="list-style-type: none"> operating voltage at AC <ul style="list-style-type: none"> — at 50 Hz rated value — at 60 Hz rated value operating voltage at DC rated value 	5 ... 500 V 5 ... 500 V 5 ... 500 V

Power Electronics	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)

Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	0
operational current at AC-15 at 230 V rated value	6 A

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

Ambient conditions	
<ul style="list-style-type: none"> ambient temperature during operation ambient temperature during storage 	-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	
fastening method	front panel mounting
<ul style="list-style-type: none"> of modules and accessories 	Front plate mounting
height	40 mm
width	30 mm
shape of the installation opening	round
installation width	30 mm
installation depth	49.8 mm

Certificates/ approvals	
General Product Approval	Declaration of Conformity



[Miscellaneous](#)

Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping	other
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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=3SU1550-1AA10-1PA0>

Cax online generator

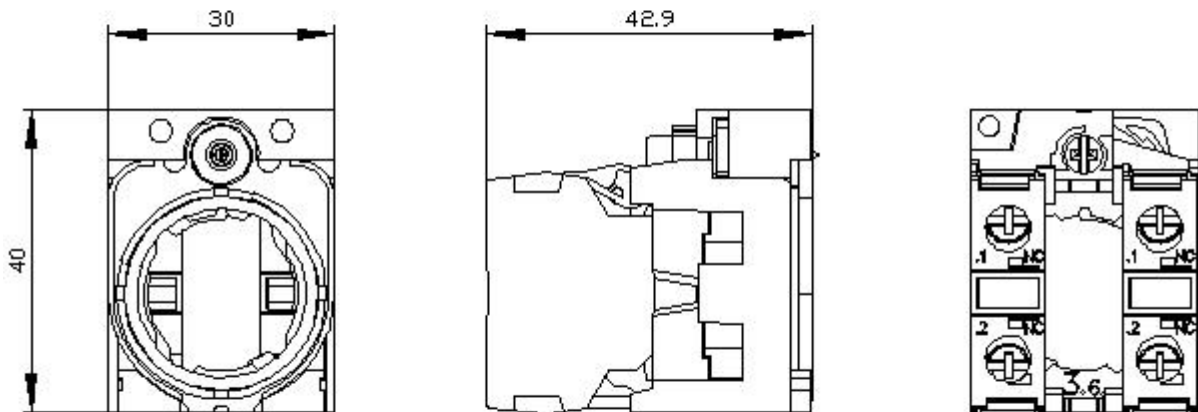
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1550-1AA10-1PA0>

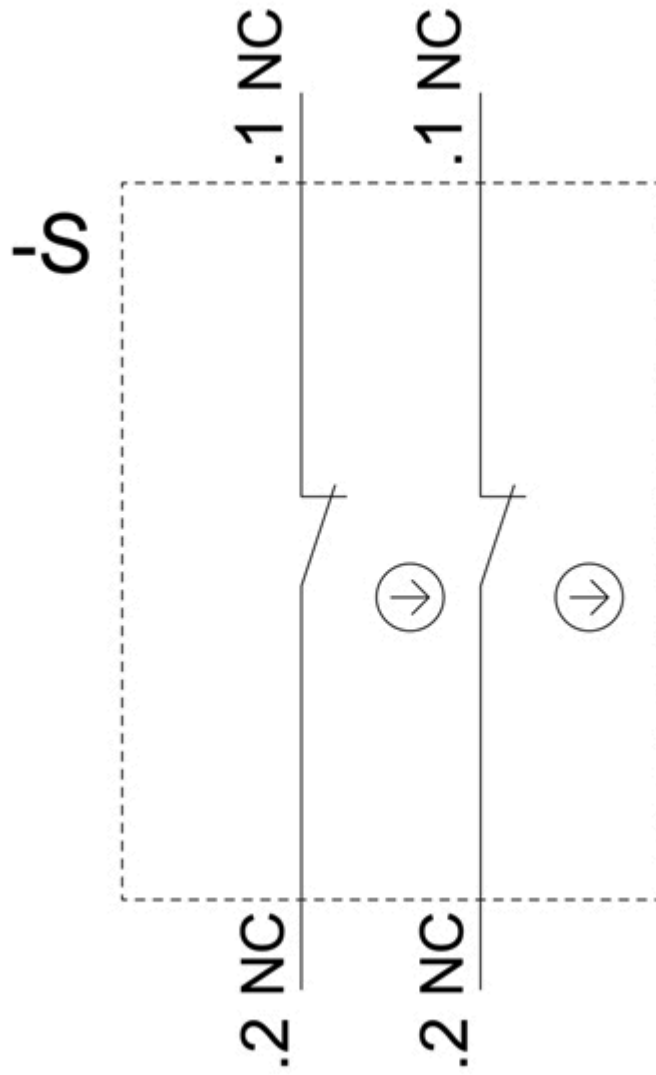
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1550-1AA10-1PA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1550-1AA10-1PA0&lang=en





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