

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

product brand name	SIRIUS ACT
product designation	Holders
design of the product	holder for plastic
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 the supplied holder 	3SU1400-1AA10-1CA0 3SU1400-1AA10-1CA0 3SU1500-0AA10-0AA0

Actuator

design of the actuating element	3-way with module
number of contact modules	1

Holder

material of the holder	Plastic
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Display

number of LED modules	0
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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"> • according to IEC 60068-2-27 • for railway applications according to EN 61373 	sinusoidal half-wave 15g / 11 ms Category 1, Class B
vibration resistance	
<ul style="list-style-type: none"> • according to IEC 60068-2-6 • for railway applications according to EN 61373 	10 ... 500 Hz: 5g Category 1, Class B
operating frequency maximum	3 600 1/h
mechanical service life (switching cycles) typical	10 000 000
thermal current	10 A
reference code according 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
Substance Prohibitance (Date)	10/01/2014
operating voltage	

- 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

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 1
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
 • of modules and accessories Screw-type terminal

type of connectable conductor cross-sections
 • solid with core end processing 2x (0.5 ... 0.75 mm²)
 • solid without core end processing 2x (1.0 ... 1.5 mm²)
 • finely stranded with core end processing 2x (0.5 ... 1.5 mm²)
 • finely stranded without core end processing 2x (1.0 ... 1.5 mm²)
 • at AWG cables 2x (18 ... 14)

tightening torque of the screws in the bracket 1 ... 1.2 N·m

tightening torque
 • with screw-type terminals 0.8 ... 0.9 N·m

Ambient conditions

ambient temperature
 • during operation -25 ... +70 °C
 • during storage -40 ... +80 °C

environmental category during operation according 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
 • of modules and accessories front plate mounting
 Front plate mounting

height 40 mm

width 30 mm

shape of the installation opening round

installation width 30 mm

installation depth 49.8 mm

thickness of the front plate usable 1 ... 6 mm

Certificates/ approvals

General Product Approval

Declaration of Conformity



[Confirmation](#)



Declaration of Conformity

Test Certificates

Marine / Shipping



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping

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=3SU1500-1AA10-1CA0>

Cax online generator

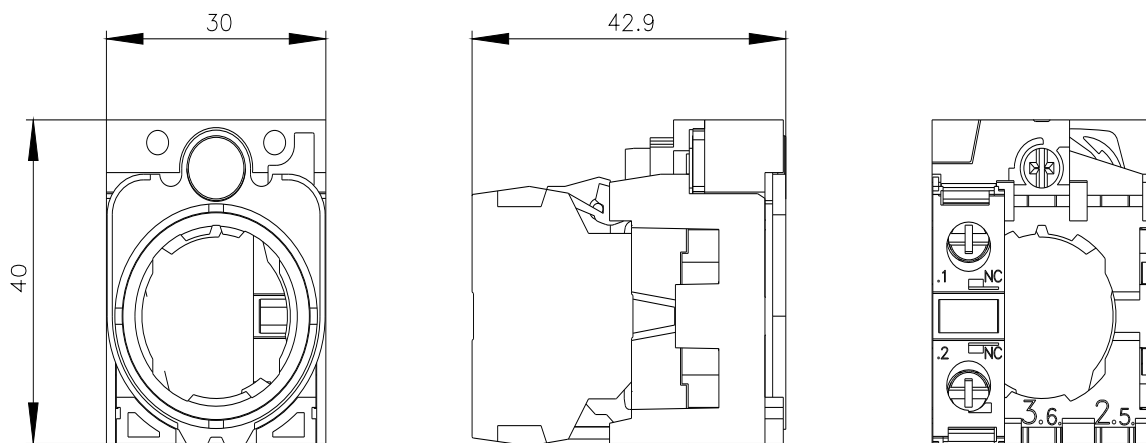
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1500-1AA10-1CA0>

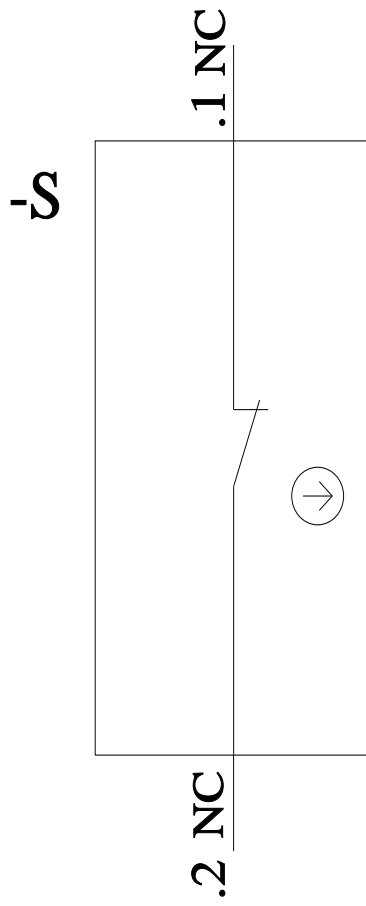
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1500-1AA10-1CA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1500-1AA10-1CA0&lang=en





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