








holder, universal, 3-way, plastic/metal, 1 NO, 1 NO, screw terminal

product brand name	SIRIUS ACT
product designation	Holders
design of the product	holder, universal for plastic/metal
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 	3SU1400-1AA10-1BA0, 3SU1400-1AA10-1BA0 3SU1400-1AA10-1BA0 3SU1400-1AA10-1BA0 3SU1550-0AA10-0AA0
Actuator	
design of the actuating element	3-way with module
number of contact modules	2
Holder	
material of the holder	Plastic
Display	
number of LED modules	0
General technical data	
product function positive opening	No
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 (operating 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	0	
number of NO contacts for auxiliary contacts	2	
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 mm ²)	
• solid without core end processing	2x (1.0 ... 1.5 mm ²)	
• finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)	
• finely stranded without core end processing	2x (1,0 ... 1,5 mm ²)	
• for 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	
• for grounding	0.8 ... 1 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)	
Environmental footprint		
Environmental Product Declaration (EPD)	Yes	
Global Warming Potential [CO₂ eq] total	0.593 kg	
Global Warming Potential [CO₂ eq] during manufacturing	0.625 kg	
Global Warming Potential [CO₂ eq] during operation	0.235 kg	
global warming potential [CO₂ eq] after end of life	-0.267 kg	
Installation/ mounting/ dimensions		
fastening method	front plate mounting	
• 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	
thickness of the front plate usable	1 ... 6 mm	
Approvals Certificates		
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 Environment



[Confirmation](#)

[Environmental Confirmations](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3SU1550-1AA10-1NA0>

Cax online generator

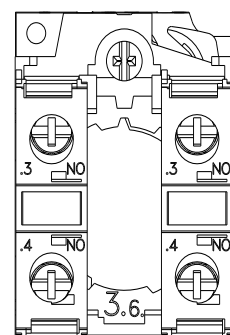
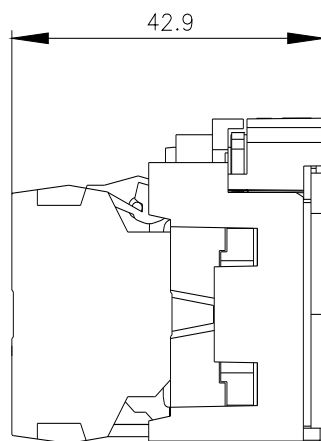
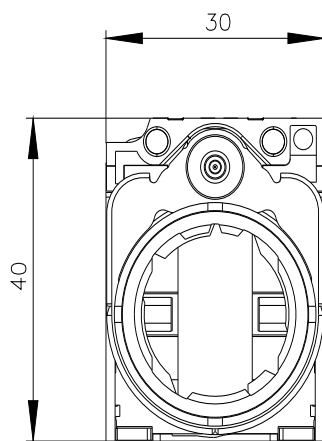
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1550-1AA10-1NA0>

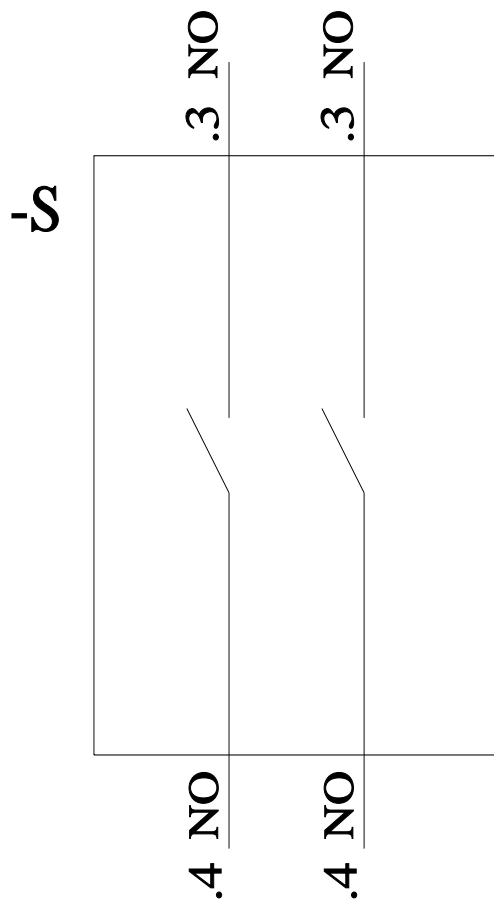
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1550-1AA10-1NA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1550-1AA10-1NA0&lang=en





last modified:

11/8/2023 