SIEMENS

Data sheet 3SU1500-1AA10-1FA0

holder, 3-way, plastic, 1 NO+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	
● of supplied contact module	3SU1400-1AA10-1FA0
● of supplied contact module at position 1	3SU1400-1AA10-1FA0
● of the supplied holder	3SU1500-0AA10-0AA0
Actuator	
design of the actuating element	3-way with module
number of contact modules	1
Holder	
material of the holder	Plastic
Display	
number of LED modules	0
General technical data	
product function positive opening	Yes
product component	
● diode	No
● lamp transformer	No
● light source	No
● series resistor	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, clamping screw tightened
shock resistance	
● **according to IEC 60068-2-27**	sinusoidal half-wave 15g / 11 ms
● for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
● **according to IEC 60068-2-6**	10 ... 500 Hz: 5g
● for railway applications according to EN 61373	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

Subject to change without notice
© Copyright Siemens

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	1
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)
● 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
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	0.787 kg
Global Warming Potential [CO2 eq] during manufacturing	0.566 kg
Global Warming Potential [CO2 eq] during operation	0.235 kg
global warming potential [CO2 eq] after end of life	-0.015 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	71.8 mm
thickness of the front plate usable	1 ... 6 mm

Approvals Certificates

General Product Approval | **Declaration of Conformity**

Confirmation

Test Certificates | **Marine / Shipping**

Special Test Certific-ate | Type Test Certific-ates/Test Report

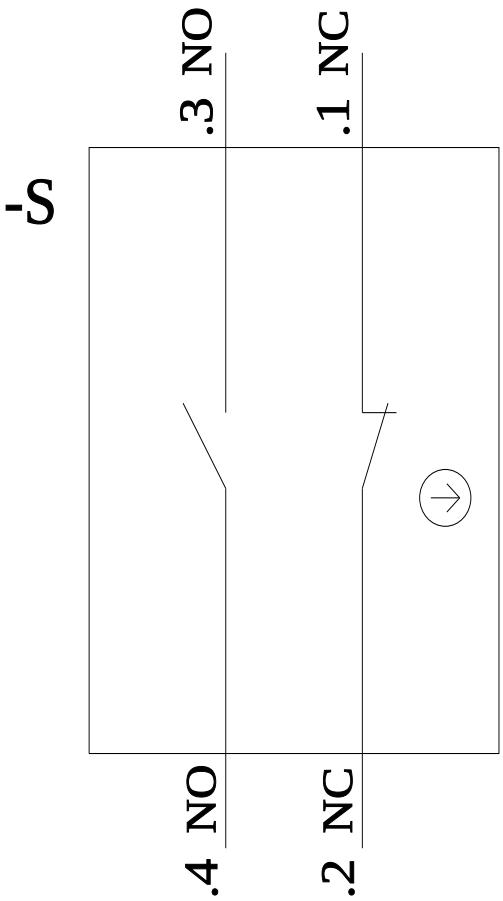
Subject to change without notice
© Copyright Siemens

other	Environment
Confirmation	Environmental Con-firmations

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=3SU1500-1AA10-1FA0
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1500-1AA10-1FA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1500-1AA10-1FA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1500-1AA10-1FA0&lang=en

© Copyright Siemens



last modified: 11/8/2023

Subject to change without notice
© Copyright Siemens