SIEMENS

Data sheet

3SU1550-1AA10-1CA0

	HOLDER FOR 3 MODULES, METAL, 1NC, SCREW TERMINAL
product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Holder
Manufacturer article number	
of supplied contact module	3SU1400-1AA10-1CA0
 of the supplied holder 	3SU1550-0AA10-0AA0
Actuator:	
Design of the operating mechanism	3-way with module
Number of contact modules	1
Holder:	
Material of the holder	Metal
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	
insulation voltage	
Rated value	500 V

Sheek registered	
	Sinuscidal half wave 50 g / 11 mg
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
Vibration resistance	
• acc. to IEC 60068-2-6	10 500 Hz: 5g
Surge voltage resistance Rated value	6 kV
Operating frequency maximum	3 600 1/h
Mechanical service life (switching cycles)	
• typical	10
Thermal current	10 A
Protection class IP	
• of the terminal	IP20
Equipment marking	
• acc. to DIN EN 61346-2	U
• acc. to DIN EN 81346-2	U
Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required	gG / Dz 10 A, quick-acting / Dz 10 A
Continuous current of the C characteristic MCB	10 A
Operating voltage	
• with AC	
— at 50 Hz Rated value	5 500 V
— at 60 Hz Rated value	5 500 V
 for DC Rated value 	
— maximum	500 V
— minimum	5 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:	
Number of NC contacts	
 for auxiliary contacts 	1
Number of NO contacts	
 for auxiliary contacts 	0
Number of CO contacts	
 for auxiliary contacts 	0
Design of the contact of the auxiliary contacts	Silver alloy
Operating current at AC-15	
• at 230 V Rated value	6 A
Connections/ Terminals:	
Type of electrical connection	
• · · · · ·	Screw-type terminal
of modules and accessories Type of connectable conductor cross-section	

 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 conductors 	2x (18 14)	
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	
Installation/ mounting/ dimensions:		
Mounting type		
 of modules and accessories 	Front plate mounting	
Height	40 mm	
Width	30 mm	
Shape of the installation opening	round	

Certificates/ approvals:

Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system) http://www.siemens.com/industrymall

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU15501AA101CA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU15501AA101CA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU15501AA101CA0&lang=en

