## **SIEMENS**

## Data sheet

3SU1500-1AA10-1BA0

HOLDER FOR 3 MODULES, PLASTIC, 1NO, SCREW TERMINAL



Figure similar

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Holder
Manufacturer article number	
<ul> <li>of supplied contact module</li> </ul>	3SU1400-1AA10-1BA0
<ul> <li>of the supplied holder</li> </ul>	3SU1500-0AA10-0AA0

Actuator:	
Design of the operating mechanism	3-way with module
Number of contact modules	1

Holder:	
Material of the holder	Plastic
Display:	
Number of LED modules	0
Number of LED modules	U

General technical data:		
Product function		
<ul><li>positive opening</li></ul>		No
Product component		
• diode		No
<ul> <li>lamp transformer</li> </ul>		No
• Light source		No
• series resistor		No
Insulation voltage		
Rated value	V	500
Degree of pollution		3

Vibration resistance  • acc. to IEC 60068-2-6  Surge voltage resistance Rated value  Operating frequency maximum  Mechanical service life (switching cycles)  • typical  Thermal current  Protection class IP  • of the terminal  Equipment marking  • acc. to DIN EN 61346-2  • 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  Continuous current of the C characteristic MCB  Operating voltage  • with AC  — at 50 Hz Rated value  — maximum — minimum  V  500  Power Electronics:  Contact reliability  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)  Auxiliary circuit:
Surge voltage resistance Rated value  Operating frequency maximum  I/h 3 600  Mechanical service life (switching cycles)  • typical  Thermal current  A 10  Protection class IP  • of the terminal  Equipment marking  • acc. to DIN EN 61346-2  • acc. to DIN EN 81346-2  Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required  Continuous current of the C characteristic MCB  Operating voltage  • with AC  — at 50 Hz Rated value  — at 60 Hz Rated value  — maximum — minimum  V 500  Power Electronics:  Contact reliability  One maloperation per 100 million (5 V, 1 mA)
Operating frequency maximum  Mechanical service life (switching cycles)  • typical  Thermal current  Protection class IP  • of the terminal  Equipment marking  • acc. to DIN EN 61346-2  • 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  Continuous current of the C characteristic MCB  • with AC  — at 50 Hz Rated value — at 60 Hz Rated value — maximum — minimum  V  500  Power Electronics:  Contact reliability  One maloperation per 100 million (5 V, 1 mA)
Mechanical service life (switching cycles)  • typical  Thermal current  Protection class IP  • of the terminal  Equipment marking  • acc. to DIN EN 61346-2  • acc. to DIN EN 81346-2  Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required  Continuous current of the C characteristic MCB  Operating voltage  • with AC  — at 50 Hz Rated value  — at 60 Hz Rated value  — maximum — minimum  V 500  Power Electronics:  Contact reliability  IP20  ID20  I
thermal current  Protection class IP of the terminal  Equipment marking acc. to DIN EN 61346-2 besign of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required  Continuous current of the C characteristic MCB  Operating voltage with AC at 50 Hz Rated value at 60 Hz Rated value - maximum - minimum  V 500  Power Electronics:  Contact reliability  10  IP20  IP20  IP20  IP20  IP20  IP20  IP20  IP20  U  gG / Dz 10 A, quick-acting / Dz 10 A  10  To 10  To 2 10 A  10  To 3 10  To 5 500  5 500  5 500  To 5 500  To C Rated value - maximum - minimum  V 500  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Thermal current  Protection class IP  of the terminal  Equipment marking  acc. to DIN EN 61346-2  to 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  Continuous current of the C characteristic MCB  Operating voltage  with AC  at 50 Hz Rated value  at 60 Hz Rated value  maximum  minimum  V  500  Power Electronics:  Contact reliability  One maloperation per 100 million (5 V, 1 mA)
of the terminal       IP20
Equipment marking  • acc. to DIN EN 61346-2  • 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  Continuous current of the C characteristic MCB  A 10  Operating voltage  • with AC  — at 50 Hz Rated value  — at 60 Hz Rated value  • for DC Rated value  — maximum — minimum  V 500  Power Electronics:  Contact reliability  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
acc. to DIN EN 81346-2     acc. to DIN EN 81346-2  Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required  Continuous current of the C characteristic MCB  Operating voltage     with AC     at 50 Hz Rated value     at 60 Hz Rated value     maximum     minimum  V  500  Power Electronics:  Contact reliability  U  gG / Dz 10 A, quick-acting / Dz 10 A  10  10  10  10  10  10  10  10  10  1
acc. to DIN EN 81346-2  Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required  Continuous current of the C characteristic MCB  Operating voltage      with AC      — at 50 Hz Rated value      — at 60 Hz Rated value      for DC Rated value      — maximum      — minimum      V      Sou  Power Electronics:  Contact reliability  U  gG / Dz 10 A, quick-acting / Dz 10 A  10  10  10  5 500  5 500  5 500  5 500  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
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Operating voltage  ● with AC  — at 50 Hz Rated value  — at 60 Hz Rated value  V 5 500  ● for DC Rated value  — maximum  — minimum  V 500  — minimum  V 500  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
with AC     — at 50 Hz Rated value     — at 60 Hz Rated value     V
— at 50 Hz Rated value  — at 60 Hz Rated value  • for DC Rated value  — maximum  — minimum  V 500  V 5 500  V 500  V 500  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
<ul> <li>— at 60 Hz Rated value</li> <li>● for DC Rated value</li> <li>— maximum</li> <li>— minimum</li> <li>V</li> <li>500</li> <li>— minimum</li> <li>V</li> <li>5</li> </ul> Power Electronics: <ul> <li>Contact reliability</li> <li>One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)</li> </ul>
for DC Rated value         — maximum         — minimum
— maximum — minimum  V 500  V 5  Power Electronics:  Contact reliability  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
— minimum  V 5  Power Electronics:  Contact reliability  One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
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Auxiliary circuit:
<u> </u>
Number of NC contacts
• for auxiliary contacts 0
Number of NO contacts
• for auxiliary contacts
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 A 6
Connections/ Terminals:
Type of electrical connection
• of modules and accessories Screw-type terminal
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)

<ul> <li>finely stranded with core end processing</li> </ul>		2x (0.5 1.5 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>		2x (1,0 1,5 mm²)
<ul> <li>for AWG conductors</li> </ul>		2x (18 14)
Tightening torque		
<ul><li>with screw-type terminals</li></ul>	N·m	0.8 0.9

Ambient conditions:		
Ambient temperature		
<ul><li>during operation</li></ul>	°C	-25 <b>+</b> 70
during storage	°C	-40 <b>+</b> 80

Installation/ mounting/ dimensions:		
Mounting type		
<ul> <li>of modules and accessories</li> </ul>		Front plate mounting
Height	mm	40
Width	mm	30
Shape of the installation opening		round

## Certificates/ approvals:

## Further information

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

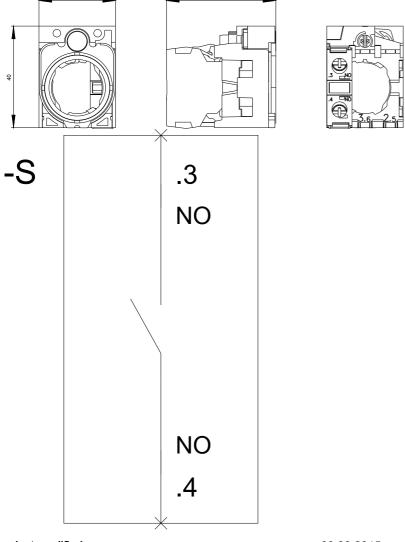
Industry Mall (Online ordering system)

http://www.siemens.com/industrymall

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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU15001AA101BA0&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU15001AA101BA0&lang=en</a>



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