# SIEMENS

### Data sheet

## 3SU1501-1AG00-1NA0



HOLDER FOR 3 MODULES, PLASTIC, 1NO, 1NO, LED MODULE, AMBER, 6-24V AC/DC, 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, 3SU1400-1AA10-1BA0
<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BG00-1AA0
<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	2	
Holder:		
Material of the holder	Plastic	
Display:		
Number of LED modules	1	
General technical data:		
Product function		
• positive opening	Yes	
Product component		
• diode	Yes	
lamp transformer	No	
Light source	Yes	
series resistor	No	
Insulation voltage		
Rated value	320 V	

Shock resistance         acc. to IEC 6008-2-27           Vibration resistance         isouicidal half-wave 50 g / 11 ms           vacc. to IEC 6008-2-6         10 500 Hz: 5g           Surge voltage resistance Rated value         4 kV           Operating frequency maximum         3600 /h           Mechanical service life (switching cycles)		
<ul> <li>acc. to IEC 60068-2-27</li> <li>Sinuaoidal half-wave 60 g / 11 ms</li> <li>Utration resistance</li> <li>acc. to IEC 60068-2-6</li> <li>In 500 Hz: 5g</li> <li>Suge voltage resistance Rade value</li> <li>4 kV</li> <li>Operating frequency maximum</li> <li>3 800 1/h</li> <li>Mechanical service life (switching cycles)</li> <li>typical</li> <li>10</li> <li>Thermal current</li> <li>10 A</li> <li>Protection class IP</li> <li>of the terminal</li> <li>Operating youtput</li> <li>Operating with with type of assignment 1</li> <li>required</li> <li>of Dz 10 A, quick-acting / Dz 10 A</li> <li>of Dz 10 A quick-acting / Dz 10 A</li> <li>of Dz 10 A quick-acting / Dz 10 A</li> <li>of Dz 10 A quick-acting / Dz 10 A</li> <li>of Dz 10 A quick-acting / Dz 10 A</li> <li>of Dz 10 A quick-acting / Dz 10 A</li> <li>of Dz 10 A quick-acting / Dz 10 A</li> <li>of Dz 10 A quick-acting / Dz 10 A</li> <li>of Dz 10 A quick-acting / Dz 10 A</li> <li>of Dz 10 A quick-acting / Dz 10 A</li> <li>of Dz 20 V</li></ul>	Degree of pollution	3
Vibration resistance         10500 Hz: 5g           sacc. to IEC 60068-2-6         10500 Hz: 5g           Surge voltage resistance Rated value         4 kV           Operating frequency maximum         3 600 1/h           Mechanical service life (switching cycles)         10           • typical         10           Thermal current         10 A           Protection class IP         0           • of the terminal         IP20           Equipment marking         0           • acc. to DIN EN 81346-2         U           Design of the terminal         IP20           Continuous current of the C characteristic MCB         0           Design of the SubitAr Crasteristic MCB         10 A           Continuous current of the C characteristic MCB         10 A           Operating voltage         6 24 V           - at 60 Hz Rated value         6 24 V           - at 60 Hz Rated value         6 V           - maximum         6 V           - minimum         24 V           - minimum         6 V           Protect reliability         0           Number of NC contacts         0           • for auxiliary contacts         2           • for auxiliary contacts         0<		
a.c. to EC 60068-2-6         10 500 Hz: 5g           Surge voltage resistance Rated value         4 kV           Operating frequency maximum         3 600 1/h           Mechanical service life (switching cycles)         10           • typical         10           Thermal current         10 A           Protection class IP         10           • of the terminal         IP20           Equipment marking         0           • acc. to DIN EN 61346-2         U           • act SO Hz Rated value         6 24 V           • ant SO Hz Rated value         6 24 V		Sinusoidal half-wave 50 g / 11 ms
Surge voltage resistance Rated value         4 kV           Operating frequency maximum         3 600 1/h           Mechanical service life (switching cycles)         0           • typical         10           Thermal current         10 A           Protection class IP         0           • of the terminal         IP20           Equipment marking         0           • acc. to DIN EN 61346-2         U           • with AC         - at 60 Hz Rated value           • for axu		
Operating frequency maximum         3 600 1/h           Mechanical service life (switching cycles)         10           • typical         10           Protection class IP         10           • of the terminal         IP20           Equipment marking         U           • acc. to DIN EN 61346-2         U           • act of the characteristic MCB         0 A           Operating voltage         • 24 V           • for DC Rated value         6 24 V           • for auxiliary contacts         0           of the		-
Mechanical service life (switching cycles)         10           • typical         10           Thermal current         10 A           Protection class IP         1920           e dthe terminal         IP20           Equipment marking         10           • acc. to DIN EN 61346-2         U           Design of the fuse link for short-circuit protection of the auxilary switch with type of assignment 1 required         06 / Dz 10 A, quick-acting / Dz 10 A           Continuous current of the C characteristic MCB         10 A           Operafing voltage         6 24 V           - at 50 Hz Rated value         6 24 V           - at 60 Hz Rated value         6 24 V           - maximum         24 V           - or DC Rated value         6 V           - maximum         24 V           - for DC Rated value         6 V           - maximum         24 V           - for auxiliary contacts         0           Number of NC contacts         2           • for auxiliary contacts         0		
• typical         10           Thermal current         10 A           Protection class IP         IP20           • of the terminal         IP20           Equipment marking         IP20           • 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         • 24 V           • with AC         6 24 V           - at 50 Hz Rated value         6 24 V           • for DC Rated value         6 24 V           - maximum         6 V           - minimum         6 V           Power Electronics:         One matoperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)           Power Struct:         V           Number of NC contacts         0           • for auxiliary contacts         0           Number of NC contacts         0           • for auxiliary con		3 600 1/h
cynam         10 A           Protection class IP         P20           e of the terminal         P20           Equipment marking         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         reg/reg/reg/reg/reg/reg/reg/reg/reg/reg/		
Protection class IP       IP20         exc. to DIN EN 81346-2       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       gG / Dz 10 A, quick-acting / Dz 10 A         required       0         Continuous current of the C characteristic MCB       10 A         Operating voltage       6 24 V         • with AC       6 24 V         - at 50 Hz Rated value       6 24 V         • for DC Rated value       6 24 V         - maximum       24 V         - minimum       6 V         Power Electronics:       One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)         Auxiliary contacts       0         Number of NC contacts       0         • for auxiliary contacts       2         • for auxiliary contacts       0         Posing of the contact of the auxiliary contacts       0         Design of the contact of the auxiliary contacts       0         • for auxiliary contacts       0         Design of the contact of the auxiliary contacts       0         • for auxiliary contacts       0         • for auxiliary contacts       5         • for auxiliary contact		10
• 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       0         • with AC       6 24 V         - at 50 Hz Rated value       6 24 V         - at 60 Hz Rated value       6 24 V         • for DC Rated value       6 24 V         - maximum       6 V         - minimum       6 V         Power Electronics:       One maloperation per 100 million (17 V, 5 mA), one maloperation per 100 million (5 V, 1 mA)         Number of NC contacts       0         • for auxiliary contacts       0         Number of NC contacts       2         • for auxiliary contacts       0         • for auxiliary contacts       Silver alloy         Operating current at AC-15       6A         • at 230 V Rated va		10 A
Equipment marking e.acc. to DIN EN 61346-2 U 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 10 A Operating voltage • with AC — at 50 Hz Rated value 6 24 V — at 60 Hz Rated value 6 24 V • for DC Rated value 7 24 V • for auxiliary contacts 0 24 V • for auxilia	Protection class IP	
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• 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       in A         • with AC       6 24 V         - at 50 Hz Rated value       6 24 V         • for DC Rated value       6 24 V         • for DC Rated value       6 V         - maximum       24 V         - minimum       6 V         Power Electronics:       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       0         Number of CO contacts       2         • for auxiliary contacts       0	Equipment marking	
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     6 24 V       - at 60 Hz Rated value     6 24 V       • for DC Rated value     6 V       - maximum     24 V       - minimum     6 V       Power Electronics:     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     0       Number of NO contacts     0       • for auxiliary contacts     0       Perating voltage     5 Silver alloy       Operating output at AC-15     6 A       • at 230 V Rated value     6 A	• acc. to DIN EN 61346-2	U
the auxiliary switch with type of assignment 1       Image: Continuous current of the C characteristic MCB       10 A         Operating voltage       • with AC       Image: Continuous current of the C characteristic MCB       10 A         Operating voltage       • with AC       Image: Continuous current of the C characteristic MCB       Image: Contacteristic MCB <th>• acc. to DIN EN 81346-2</th> <th>U</th>	• acc. to DIN EN 81346-2	U
required       In A         Continuous current of the C characteristic MCB       10 A         Operating voltage	Design of the fuse link for short-circuit protection of	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         - at 60 Hz Rated value       6 24 V         • for DC Rated value       6 24 V         • for DC Rated value       6 V         - maximum       6 V         - minimum       6 V         Power Electronics:       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       0         • for auxiliary contacts       6 A         • at 230		
Operating voltage         • with AC         - at 50 Hz Rated value       6 24 V         - at 60 Hz Rated value       6 24 V         • for DC Rated value       6 24 V         • for DC Rated value       6 V         - maximum       6 V         - minimum       6 V         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       0         • for auxiliary contacts       0         • for auxiliary contacts       2         • for auxiliary contacts       0         • for auxiliary contacts       6 A         • at	-	
<ul> <li>with AC         <ul> <li>at 50 Hz Rated value</li> <li>at 60 Hz Rated value</li> </ul> </li> <li>at 60 Hz Rated value</li> </ul> <li>at 60 Hz Rated value</li> <li>24 V</li> <li>maximum</li> <li>One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)</li> <li>Auxiliary circuit:</li> <li>Number of NC contacts</li> <li>of rauxiliary contacts</li> <li>oliver alloy</li> <li>Operating current at AC-15         <ul> <li>ot 230 V Rated value</li> <li>6A</li> </ul> </li> <li>Connections/ Terminals:</li>		10 A
- at 50 Hz Rated value       6 24 V         - at 60 Hz Rated value       6 24 V         - for DC Rated value       24 V         - maximum       24 V         - minimum       6 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       0         • for auxiliary contacts       0         Number of NC contacts       2         • for auxiliary contacts       0         • for auxiliary contacts       0         • for auxiliary contacts       6         • for auxiliary contacts       6         • for auxiliary contacts       6         • for auxiliary contacts       5         • for auxiliary contacts       6         • for auxiliary contacts       6         • at 230 V Rated value       6 A         Connections/ Terminals:         Type of electrical connection       6		
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<ul> <li>for DC Rated value         <ul> <li>maximum</li> <li>minimum</li> </ul> </li> <li>Over 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> </li> <li>Auxiliary circuit:         <ul> <li>Number of NC contacts</li> <li>for auxiliary contacts</li> <li>of auxiliary contacts</li> <li>of auxiliary contacts</li> <li>of auxiliary contacts</li> <li>of auxiliary contacts</li> <li>oligitary contacts</li></ul></li></ul>	— at 50 Hz Rated value	
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minimum       6 V         Power Electronics:       One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)         Auxiliary circuit:       Image: Contacts         Number of NC contacts       0         • for auxiliary contacts       0         Number of NO contacts       2         • for auxiliary contacts       0         • for auxiliary contacts       6         • for auxiliary contacts       6 A         Connections/ Terminals:       5	<ul> <li>for DC Rated value</li> </ul>	
Power Electronics:       One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)         Auxiliary circuit:       One maloperation (5 V, 1 mA)         Number of NC contacts       0         o for auxiliary contacts       0         Number of NO contacts       0         Operating contacts       0         Design of the contact of the auxiliary contacts       0         Operating current at AC-15       0         o at 230 V Rated value       6 A         Connections/ Terminals:       Type of electrical connection	— maximum	24 V
Contact reliability       One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)         Auxiliary circuit:       One maloperation (5 V, 1 mA)         Number of NC contacts       0         Image: for auxiliary contacts       0         Number of NO contacts       0         Image: for auxiliary contacts       2         Number of CO contacts       2         Image: for auxiliary contacts       0         Design of the contact of the auxiliary contacts       0         Operating current at AC-15       3ilver alloy         Image: example of electrical connection       6 A	— minimum	6 V
per 10 million (5 V, 1 mA)       Auxiliary circuit:       Number of NC contacts       • for auxiliary contacts       • at 230 V Rated value       • for auxiliary contacts       • for auxiliary contacts       • for auxiliary contacts	Power Electronics:	
Number of NC contacts0• for auxiliary contacts0Number of NO contacts2• for auxiliary contacts2Number of CO contacts0• for auxiliary contacts0Design of the contact of the auxiliary contactsSilver alloyOperating current at AC-15• at 230 V Rated value• at 230 V Rated value6 A	Contact reliability	
• for auxiliary contacts0Number of NO contacts2• for auxiliary contacts2Number of CO contacts0• for auxiliary contacts0• for auxiliary contactsSilver alloyOperating current at AC-15 • at 230 V Rated value6 AConnections/ Terminals:	Auxiliary circuit:	
Number of NO contacts       2         • for auxiliary contacts       2         Number of CO contacts       0         • for auxiliary contacts       0         Design of the contact of the auxiliary contacts       Silver alloy         Operating current at AC-15       6 A         • at 230 V Rated value       6 A	Number of NC contacts	
• for auxiliary contacts2Number of CO contacts0• for auxiliary contacts0Design of the contact of the auxiliary contactsSilver alloyOperating current at AC-15 • at 230 V Rated value6 AConnections/ Terminals:	<ul> <li>for auxiliary contacts</li> </ul>	0
Number of CO contacts       0         • for auxiliary contacts       0         Design of the contact of the auxiliary contacts       Silver alloy         Operating current at AC-15       6 A         • at 230 V Rated value       6 A	Number of NO contacts	
• for auxiliary contacts0Design of the contact of the auxiliary contactsSilver alloyOperating current at AC-15 • at 230 V Rated value6 AConnections/ Terminals:7Type of electrical connection1	<ul> <li>for auxiliary contacts</li> </ul>	2
Design of the contact of the auxiliary contacts     Silver alloy       Operating current at AC-15 <ul> <li>• at 230 V Rated value</li> <li>6 A</li> </ul> Connections/ Terminals:       Type of electrical connection	Number of CO contacts	
Operating current at AC-15     6 A       • at 230 V Rated value     6 A       Connections/ Terminals:     7ype of electrical connection	<ul> <li>for auxiliary contacts</li> </ul>	0
• at 230 V Rated value     6 A Connections/ Terminals: Type of electrical connection	Design of the contact of the auxiliary contacts	Silver alloy
Connections/ Terminals: Type of electrical connection	Operating current at AC-15	
Type of electrical connection	• at 230 V Rated value	6 A
	Connections/ Terminals:	
	Type of electrical connection	
• of modules and accessories Screw-type terminal	<ul> <li>of modules and accessories</li> </ul>	Screw-type terminal

Type of connectable conductor cross-section	
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
<ul> <li>solid without core end processing</li> </ul>	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>	0.8 0.9 N·m
Lamp:	
Type of light source	LED
Color of the light source	amber
Ambient conditions:	
Ambient temperature	
<ul> <li>during operation</li> </ul>	-25 +70 °C
• during storage	-40 +80 °C
Installation/ mounting/ dimensions:	
Mounting type	
<ul> <li>of modules and accessories</li> </ul>	Front plate mounting
Height	40 mm
Width	30 mm
Shape of the installation opening	round

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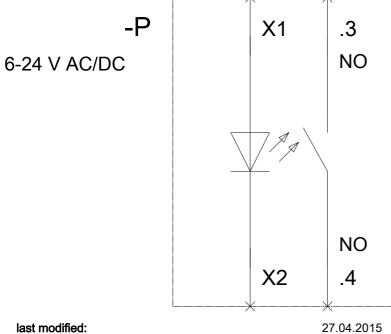
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