3SU1500-1AA10-1FA0

## **Data sheet**



holder, 3-way, plastic, 1 NO+1 NC, screw terminal





product brand name product designation Holders  design of the product product type designation  manufacturer's article number  of supplied contact module of supplied contact module at position 1 supplied contact module at position 1 supplied contact module at position 1 of the supplied holder  Actuator  design of the actuating element number of contact modules 1 Holder  material of the holder  Plastic  Display number of LED modules 0  General technical data  product function positive opening product component of clide olde olde olde olde olde olde olde ol
design of the product product type designation  manufacturer's article number  • of supplied contact module • of supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied holder  Actuator  design of the actuating element number of contact modules  1  Holder  material of the holder  Display  number of LED modules  product function positive opening product component • diode • lamp transformer • light source • series resistor insulation voltage rated value  degree of pollution  surge voltage resistance rated value  6 kV
product type designation manufacturer's article number  • of supplied contact module • of supplied contact module at position 1 • of the supplied holder  Actuator  design of the actuating element number of contact modules  1  Holder material of the holder  Display number of LED modules  O  General technical data product function positive opening product component • diode • lamp transformer • light source • series resistor Insulation voltage rated value  design of the actuating element  3-way with module 1  1  1  1  1  1  1  1  1  1  1  1  1
manufacturer's article number  of supplied contact module of supplied contact module at position 1 of the supplied holder  Actuator  design of the actuating element number of contact modules 1  Holder material of the holder  Display number of LED modules 0  General technical data  product function positive opening product component oliophe oliophe sories resistor No elight source series resistor Insulation voltage rated value  6 kV
of supplied contact module of supplied contact module at position 1 asu1400-1AA10-1FA0 of the supplied holder  Actuator  design of the actuating element number of contact modules  Holder  material of the holder  Display number of LED modules  General technical data product function positive opening product component oldede  in lamp transformer oldede lamp transformer light source series resistor No insulation voltage rated value  degree of pollution sugue voltage resistance rated value  6 kV
of supplied contact module at position 1     of the supplied holder  Actuator  design of the actuating element     number of contact modules  Holder  material of the holder  Plastic  Display  number of LED modules  General technical data  product function positive opening  product component      olide     lamp transformer     olight source     ilight source     series resistor  insulation voltage rated value  degree of pollution  surge voltage resistance rated value  6 kV
of the supplied holder  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 elamp transformer No elight source No eseries resistor No insulation voltage rated value 500 V  degree of pollution supposed to the case of the content of the
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design of the actuating element number of contact modules  Holder  material of the holder  Display number of LED modules  General technical data product function positive opening product component  • diode • lamp transformer • light source • series resistor insulation voltage rated value  surge voltage resistance rated value  3-way with module  1  3-way with module  1  No  Nose  Plastic   Display  0  0  0  0  No  No  No  No  No  No  No
number of contact modules  Holder  material of the holder  Display  number of LED modules  General technical data  product function positive opening  product component  oliode No lamp transformer No ilight source series resistor No insulation voltage rated value  el kV
Holder material of the holder  Plastic  Display  number of LED modules  General technical data  product function positive opening  Pes  product component  oliode lamp transformer light source series resistor  insulation voltage rated value  Surge voltage resistance rated value  Plastic  Plastic  Plastic  Plastic  No  No  No  No  Surge voltage resistance rated value  Plastic  No  No  No  Surge voltage resistance rated value  Plastic  No  No  No  Surge voltage resistance rated value  Plastic  No  No  Surge voltage resistance rated value  O  O  O  O  O  O  O  O  O  O  O  O  O
material of the holder  Display  number of LED modules  General technical data  product function positive opening  Pes  product component  • diode • lamp transformer • light source • series resistor  insulation voltage rated value  surge voltage resistance rated value  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  No  0  0  Ves  No  No  No  No  No  Source  No  No  Source  No  Source  No  Source  No  Source  No  Source  Source  No  Source  So
Display  number of LED modules  General technical data  product function positive opening  product component  • diode • lamp transformer • light source • series resistor  insulation voltage rated value  degree of pollution  surge voltage resistance rated value  0  0  Ves  No  No  No  No  Source  No  Source  No  Source  No  Source  Sou V
number of LED modules  General technical data  product function positive opening  product component  oliode lamp transformer light source series resistor  insulation voltage rated value  degree of pollution surge voltage resistance rated value  0  Ves  No  No  No  No  Source No  No  Source No  No  Source No  Source No  Source No  Source No  Source No  Source Sourc
General technical data product function positive opening  Product component  oliode No lamp transformer No light source series resistor No insulation voltage rated value  degree of pollution surge voltage resistance rated value  6 kV
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product component  • diode No • lamp transformer No • light source No • series resistor No insulation voltage rated value  degree of pollution surge voltage resistance rated value  6 kV
<ul> <li>diode</li> <li>lamp transformer</li> <li>light source</li> <li>series resistor</li> <li>insulation voltage rated value</li> <li>degree of pollution</li> <li>surge voltage resistance rated value</li> <li>6 kV</li> </ul>
<ul> <li>lamp transformer</li> <li>light source</li> <li>series resistor</li> <li>insulation voltage rated value</li> <li>degree of pollution</li> <li>surge voltage resistance rated value</li> <li>6 kV</li> </ul>
● light source  ● series resistor  insulation voltage rated value  degree of pollution  surge voltage resistance rated value  6 kV
● series resistor  insulation voltage rated value  500 V  degree of pollution  3  surge voltage resistance rated value  6 kV
insulation voltage rated value 500 V  degree of pollution 3  surge voltage resistance rated value 6 kV
degree of pollution 3 surge voltage resistance rated value 6 kV
surge voltage resistance rated value 6 kV
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
continuous current of the C characteristic MCB 10 A; for a short-circuit current smaller than 400 A

General Product Approval	Test Certificates
Approvals Certificates	
thickness of the front plate usable	1 6 mm
installation depth	71.8 mm
installation width	30 mm
shape of the installation opening	round
width	30 mm
height	40 mm
of modules and accessories	Front plate mounting
fastening method	front plate mounting
Installation/ mounting/ dimensions	
Siemens Eco Profile (SEP)	Siemens EcoTech
global warming potential [CO2 eq] after end of life	-0.015 kg
global warming potential [CO2 eq] during operation	0.235 kg
global warming potential [CO2 eq] during manufacturing	0.566 kg
global warming potential [CO2 eq] total	0.787 kg
Environmental Product Declaration(EPD)	Yes
Environmental footprint	
60721	condensation in operation permitted)
during storage     environmental category during operation according to IEC	-40 +80 °C  3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
during operation	-25 +70 °C
ambient temperature	0570.00
Ambient conditions	
with screw-type terminals	0.8 0.9 N·m
tightening torque	0.8 0.0 N <sub>1</sub> m
	1 1.2 IVIII
tightening torque of the screws in the bracket	2x (18 14) 1 1.2 N·m
finely stranged without core end processing     for AWG cables	2x (1,0 1,5 mm²) 2x (18 14)
finely stranded with core end processing     finely stranded without core end processing	2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²)
finely stranded with core end processing	2x (0.5 1.5 mm²)
solid with core end processing     solid without core end processing	2x (0.5 0.75 mm²)
solid with core end processing	2x (0.5 0.75 mm²)
type of connectable conductor cross-sections	Sciew-type terminal
of modules and accessories	Screw-type terminal
type of electrical connection	
Connections/ Terminals	
operational current at AC-15 at 230 V rated value	6 A
number of NO contacts for auxiliary contacts	1
number of NC contacts for auxiliary contacts	1
design of the contact of auxiliary contacts	Silver alloy
Auxiliary circuit	(5 V, 1 mA)
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
Power Electronics	
at DC rated value	5 500 V
— at 60 Hz rated value	5 500 V
— at 50 Hz rated value	5 500 V
• at AC	
operating voltage	
Weight	0.04 kg
Substance Prohibitance (Date)	10/01/2014
continuous current of the DIAZED fuse link gG	10 A
continuous current of the quick DIAZED fuse link	10 A









Type Test Certificates/Test Report

Special Test Certificate

Maritime application other Environment













## **Environment**



Environmental Con-firmations

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

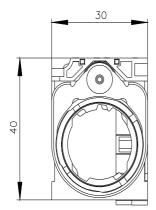
Cax online generator

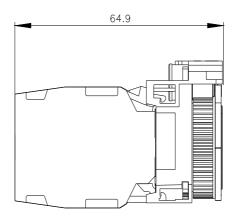
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1500-1AA10-1FA0

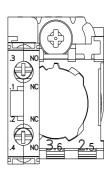
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1500-1AA10-1FA0

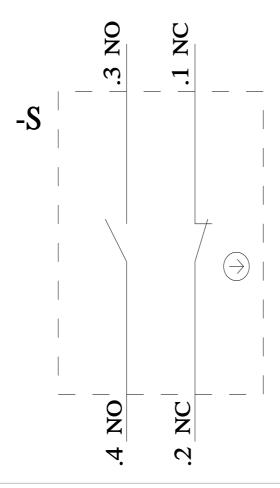
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1500-1AA10-1FA0&lang=en









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