## **SIEMENS**

## **Data sheet**

## 3SU1501-1AG20-1LA0



holder, 3-way, plastic, 1 NO+1 NC, 1 NO+1 NC, LED module, red, 6-24 V AC/DC, screw terminal

product brand name	SIRIUS ACT
product designation	Holders
product type designation	3SU1
manufacturer's article number	
<ul> <li>of supplied contact module</li> </ul>	3SU1400-1AA10-1FA0, 3SU1400-1AA10-1FA0
<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-1FA0
<ul> <li>of supplied contact module at position 2</li> </ul>	3SU1400-1AA10-1FA0
<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BG20-1AA0
<ul> <li>of the supplied holder</li> </ul>	3SU1500-0AA10-0AA0
Actuator	
design of the actuating element	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
<ul> <li>lamp transformer</li> </ul>	No
• light source	Yes
series resistor	No
insulation voltage rated value	320 V
degree of pollution	3
surge voltage resistance rated value	4 kV
protection class IP of the terminal	IP20, clamping screw tightened
shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
vibration resistance	
• acc. to IEC 60068-2-6	10 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
operating frequency maximum	3 600 1/h
mechanical service life (switching cycles) typical	10
thermal current	10 A
reference code acc. to IEC 81346-2	U

General Product Approval	Declaration of Conformity Test Certifica
Certificates/ approvals	
installation depth	71.8 mm
installation width	30 mm
shape of the installation opening	round
width	30 mm
height	40 mm
<ul> <li>of modules and accessories</li> </ul>	Front plate mounting
fastening method	front panel mounting
Installation/ mounting/ dimensions	
environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95 %, no condensation in operation permitted)
ambient temperature during storage	-40 +80 °C
<ul> <li>ambient temperature during operation</li> </ul>	-25 +70 °C
Ambient conditions	
light intensity	450 1 120 mcd
color of the light source	red
type of light source	LED
Lamp	
• tightening torque with screw-type terminals	0.8 0.9 N·m
tightening torque of the screws in the bracket	1 1.2 N·m
at AWG cables	2x (18 14)
<ul> <li>finely stranded 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>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
type of connectable conductor cross-sections	
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	2
number of NC contacts for auxiliary contacts	_ 2
design of the contact of auxiliary contacts	Silver alloy
Auxiliary circuit	
inrush current of LED module maximum	2 A
Control circuit/ Control	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)
Power Electronics	
operating voltage at DC rated value	6 24 V
— at 60 Hz rated value	6 24 V
— at 50 Hz rated value	6 24 V
<ul> <li>operating voltage at AC</li> </ul>	
continuous current of the DIAZED fuse link gG	10 A
7	1074
continuous current of the quick DIAZED fuse link	10 A







Miscellaneous



Special Test Certificate

**Test Certificates** 

other

## Further information

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=3SU1501-1AG20-1LA0

Cax online generator

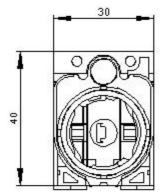
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1501-1AG20-1LA0

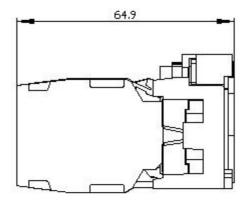
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

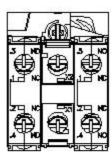
https://support.industry.siemens.com/cs/ww/en/ps/3SU1501-1AG20-1LA0

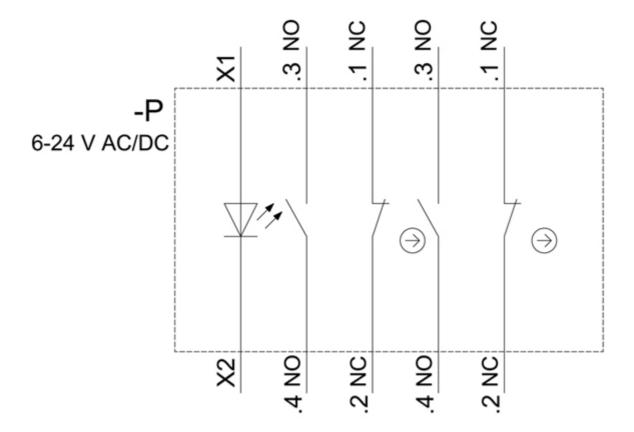
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$ 

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1501-1AG20-1LA0&lang=en









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