

holder, 3-way, plastic, 1 NC, LED module, red, 6-24 V AC/DC, screw terminal

**product brand name**  
**product designation**  
**design of the product**  
**product type designation**  
**manufacturer's article number**

- of supplied contact module
- of supplied contact module at position 1
- of supplied LED module
- of the supplied holder

SIRIUS ACT  
 Holders  
 holder for plastic  
 3SU1

[3SU1400-1AA10-1CA0](#)  
[3SU1400-1AA10-1CA0](#)  
[3SU1401-1BG20-1AA0](#)  
[3SU1500-0AA10-0AA0](#)

### 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** 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  
**degree of pollution** 3  
**surge voltage resistance rated value** 4 kV  
**protection class IP of the terminal** IP20  
**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** U  
**continuous current of the C characteristic MCB** 10 A; for a short-circuit current smaller than 400 A  
**continuous current of the quick DIAZED fuse link** 10 A  
**continuous current of the DIAZED fuse link gG** 10 A  
**Substance Prohibitance (Date)** 10/01/2014

<b>operating voltage</b>		
• at AC		
— at 50 Hz rated value	6 ... 24 V	
— at 60 Hz rated value	6 ... 24 V	
• at DC rated value	6 ... 24 V	
<b>Power Electronics</b>		
<b>contact reliability</b>	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)	
<b>Control circuit/ Control</b>		
<b>inrush current of LED module maximum</b>	2 A	
<b>Auxiliary circuit</b>		
<b>design of the contact of auxiliary contacts</b>	Silver alloy	
<b>number of NC contacts for auxiliary contacts</b>	1	
<b>number of NO contacts for auxiliary contacts</b>	0	
<b>operational current at AC-15 at 230 V rated value</b>	6 A	
<b>Connections/ Terminals</b>		
<b>type of electrical connection</b>		
• of modules and accessories	Screw-type terminal	
<b>type of connectable conductor cross-sections</b>		
• 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)	
• at AWG cables	2x (18 ... 14)	
<b>tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m	
<b>tightening torque</b>		
• with screw-type terminals	0.8 ... 0.9 N·m	
<b>Lamp</b>		
<b>type of light source</b>	LED	
<b>color of the light source</b>	red	
<b>light intensity</b>	450 ... 1 120 mcd	
<b>Ambient conditions</b>		
<b>ambient temperature</b>		
• during operation	-25 ... +70 °C	
• during storage	-40 ... +80 °C	
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted)	
<b>Installation/ mounting/ dimensions</b>		
<b>fastening method</b>	front plate mounting	
• of modules and accessories	Front plate mounting	
<b>height</b>	40 mm	
<b>width</b>	30 mm	
<b>shape of the installation opening</b>	round	
<b>installation width</b>	30 mm	
<b>installation depth</b>	49.8 mm	
<b>thickness of the front plate usable</b>	1 ... 6 mm	
<b>Certificates/ approvals</b>		
General Product Approval		
Declaration of Conformity		
<div><div> CSA</div><div><a href="#">Confirmation</a></div><div> CCC</div><div> UL</div><div></div><div> EG-Konf.</div></div>		
Declaration of Conformity	Test Certificates	other

#### Further information

##### 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=3SU1501-1AG20-1CA0>

##### Cax online generator

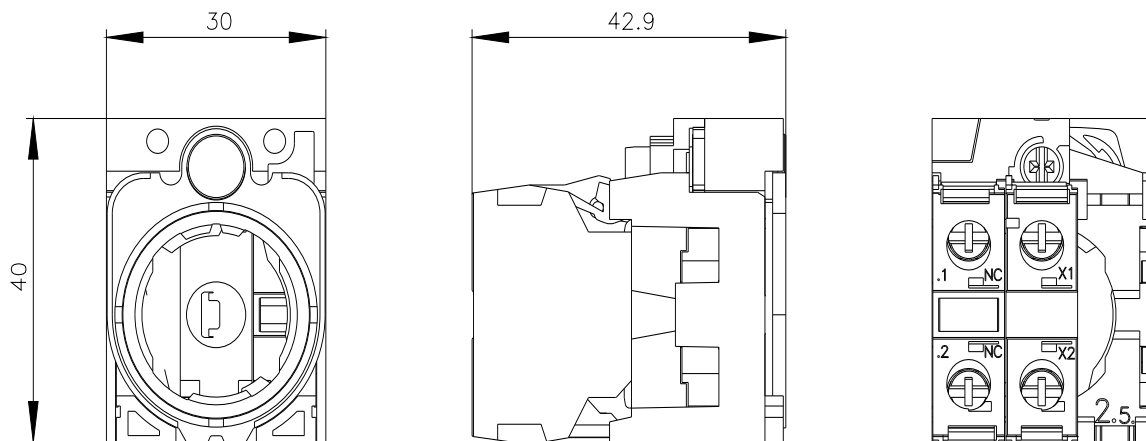
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1501-1AG20-1CA0>

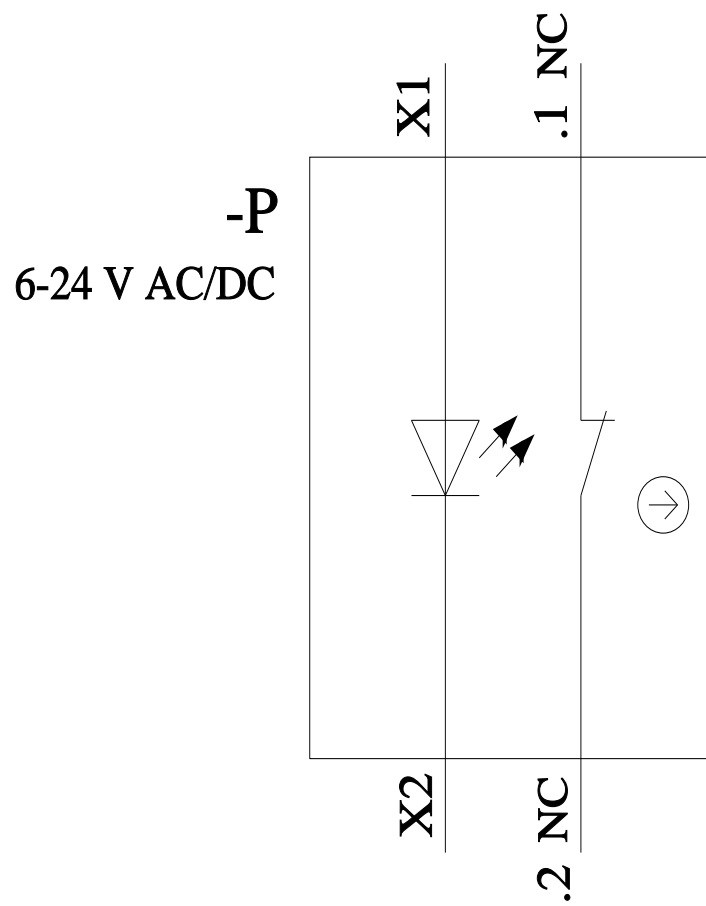
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1501-1AG20-1CA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1501-1AG20-1CA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1501-1AG20-1CA0&lang=en)





last modified:

6/25/2022 