



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 style="list-style-type: none"> • of supplied contact module • of supplied contact module at position 1 • of supplied contact module at position 2 • of supplied LED module • of the supplied holder 	3SU1400-1AA10-1FA0, 3SU1400-1AA10-1FA0 3SU1400-1AA10-1FA0 3SU1400-1AA10-1FA0 3SU1401-1BG20-1AA0 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	
<ul style="list-style-type: none"> • diode • lamp transformer • light source • series resistor 	Yes No Yes 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	
<ul style="list-style-type: none"> • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 	Sinusoidal half-wave 50g / 11 ms Category 1, Class B
vibration resistance	
<ul style="list-style-type: none"> • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373 	10 ... 500 Hz: 5g 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

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	
<ul style="list-style-type: none"> operating voltage at AC <ul style="list-style-type: none"> at 50 Hz rated value at 60 Hz rated value operating voltage at DC rated value 	6 ... 24 V 6 ... 24 V 6 ... 24 V	
Power Electronics		
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)	
Control circuit/ Control		
inrush current of LED module maximum	2 A	
Auxiliary circuit		
design of the contact of auxiliary contacts	Silver alloy	
number of NC contacts for auxiliary contacts	2	
number of NO contacts for auxiliary contacts	2	
operational current at AC-15 at 230 V rated value	6 A	
Connections/ Terminals		
type of electrical connection	Screw-type terminal	
<ul style="list-style-type: none"> of modules and accessories 		
type of connectable conductor cross-sections	2x (0.5 ... 0.75 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (18 ... 14)	
<ul style="list-style-type: none"> solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing at AWG cables 		
tightening torque of the screws in the bracket		1 ... 1.2 N·m
<ul style="list-style-type: none"> tightening torque with screw-type terminals 		0.8 ... 0.9 N·m
Lamp		
type of light source	LED	
color of the light source	red	
light intensity	450 ... 1 120 mcd	
Ambient conditions		
<ul style="list-style-type: none"> ambient temperature during operation ambient temperature during storage 	-25 ... +70 °C -40 ... +80 °C	
environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted)	
Installation/ mounting/ dimensions		
fastening method	front panel mounting	
<ul style="list-style-type: none"> of modules and accessories 	Front plate mounting	
height	40 mm	
width	30 mm	
shape of the installation opening	round	
installation width	30 mm	
installation depth	71.8 mm	
Certificates/ approvals		
General Product Approval	Declaration of Conformity	Test Certificates



[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

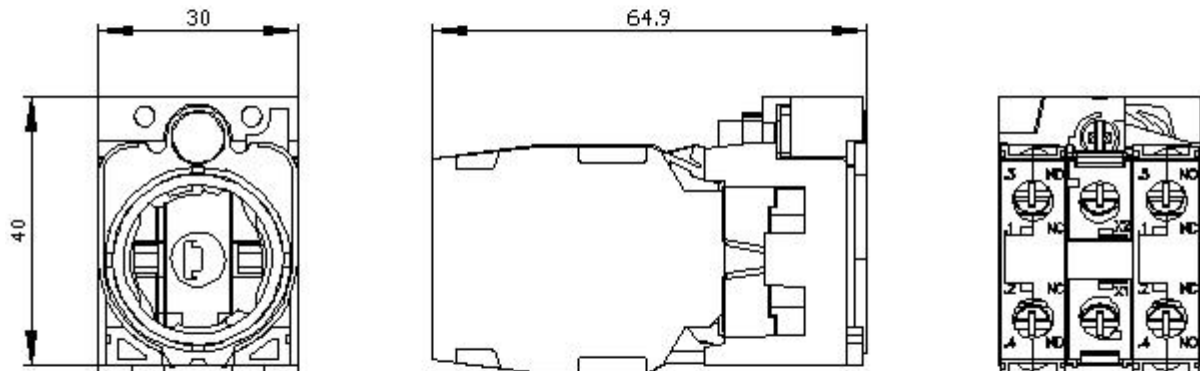
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1501-1AG20-1LA0>

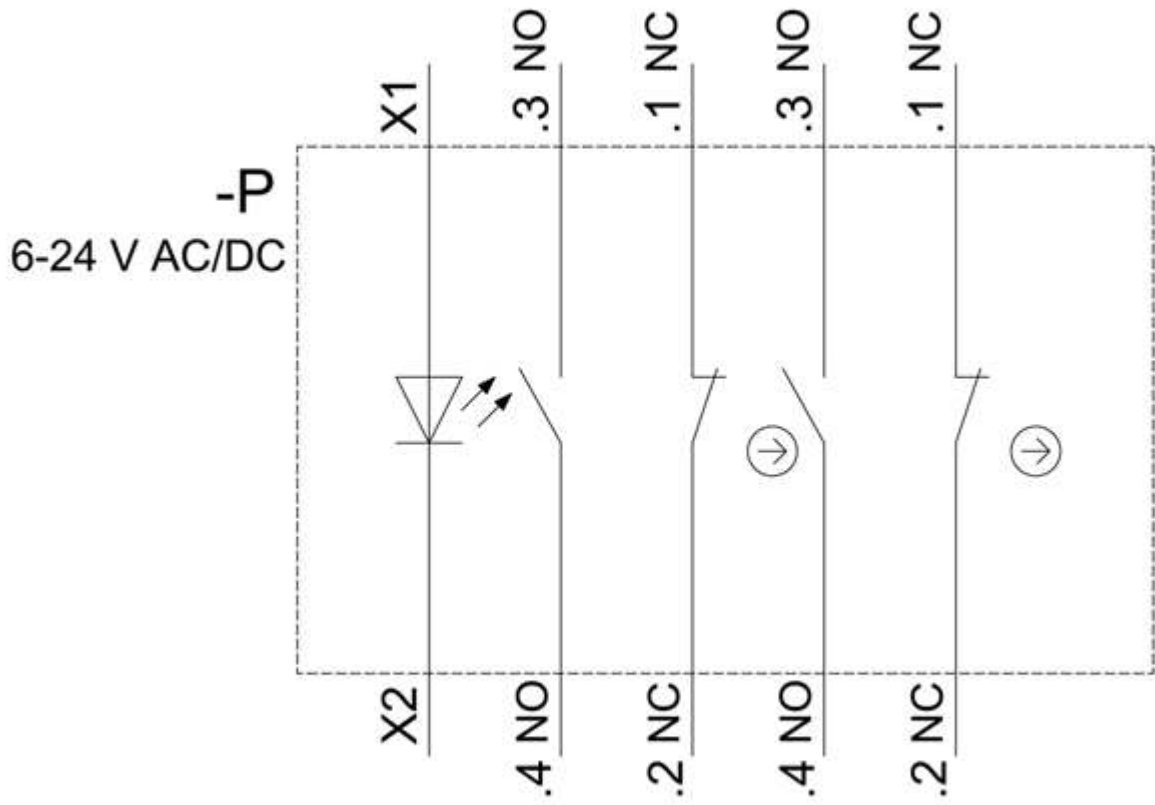
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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





last modified:

12/15/2020 