

Siemens
EcoTech



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

product brand name	SIRIUS ACT
product designation	Holders
design of the product	holder for plastic
product type designation	3SU1
manufacturer's article number	
• of supplied contact module	3SU1400-1AA10-1BA0
• of supplied contact module at position 1	3SU1400-1AA10-1BA0
• of supplied LED module	3SU1401-1BG20-1AA0
• of the supplied holder	3SU1500-0AA10-0AA0
Actuator	
design of the actuating element	3-way with module
number of modules attachable	6
number of contact modules	1
Holder	
material of the holder	Plastic
Display	
number of LED modules	1
General technical data	
product function positive opening	No
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 15 g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5 g
• 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 (day/month/year)	10/01/2014	
SVHC substance name	Lead monoxide (lead oxide) CAS-No. 1317-36-8 Melamine CAS-No. 108-78-1	
Net Weight	40 g	
operating voltage		
• 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
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	0	
number of NO contacts for auxiliary contacts	1	
operational current at AC-15 at 230 V rated value	6 A	
Connections/ Terminals		
type of electrical connection	Screw-type terminal	
• of modules and accessories		
type of connectable conductor cross-sections	2x (0.5 ... 0.75 mm²) 2x (1.0 ... 1.5 mm²) 2x (0.5 ... 1.5 mm²) 2x (1,0 ... 1,5 mm²) 2x (18 ... 14)	
• solid with core end processing		
• solid without core end processing		
• finely stranded with core end processing		
• finely stranded without core end processing		
• for AWG cables		
tightening torque of the screws in the bracket	1 ... 1.2 N·m	
tightening torque	0.8 ... 0.9 N·m	
• with screw-type terminals		
Lamp		
type of light source	LED	
color of the light source	red	
light intensity	450 ... 1 120 mcd	
Ambient conditions		
ambient temperature	-25 ... +70 °C -40 ... +80 °C	
• during operation		
• during storage		
environmental category during operation according 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 plate mounting	
• of modules and accessories	Front plate mounting	
height	40 mm	
width	30 mm	
shape of the installation opening	round	
mounting diameter	22.5 mm	
installation width	30 mm	
installation depth	49.8 mm	
thickness of the front plate usable	1 ... 6 mm	
Approvals Certificates		
Environmental Product Declaration		
• global warming potential [CO2 eq] / during manufacturing	0.566 kg	

- global warming potential [CO2 eq] / during operation
- global warming potential [CO2 eq] / after end of life
- global warming potential [CO2 eq] / total

0.235 kg
-0.0145 kg
0.787 kg

Environment

General Product Approval

[Environmental Confirmations](#)



General Product Approval

Test Certificates

Maritime application

other



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



[Confirmation](#)

other



Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1501-1AG20-1BA0>

Cax online generator

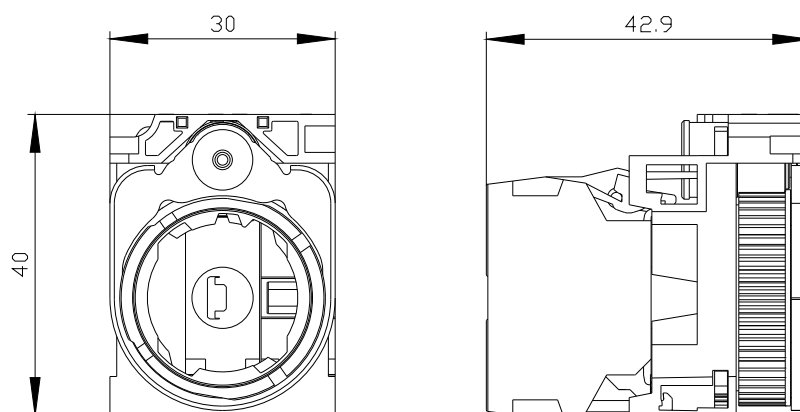
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1501-1AG20-1BA0>

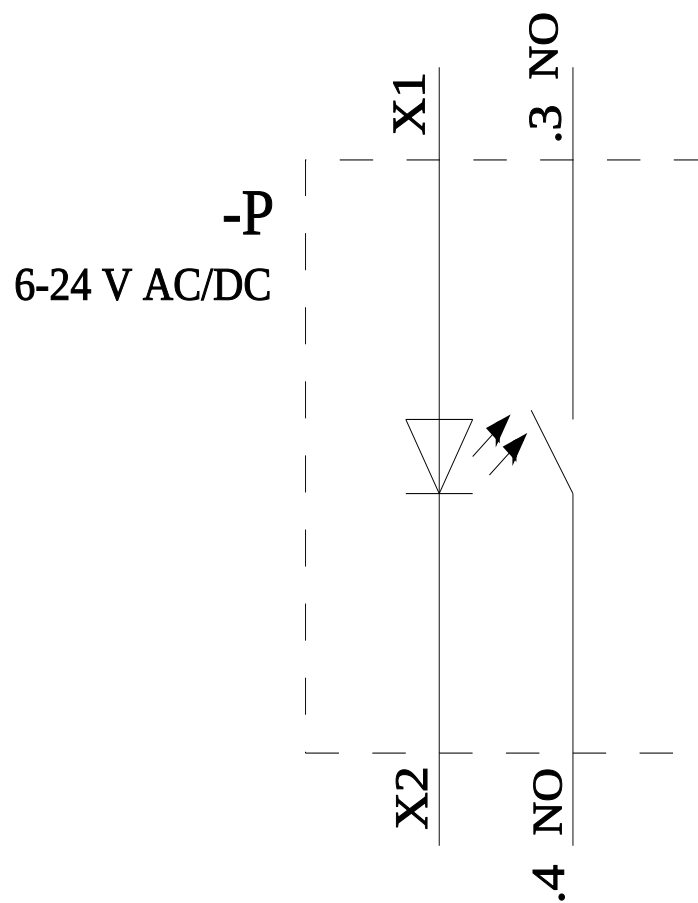
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1501-1AG20-1BA0>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1501-1AG20-1BA0&lang=en





last modified:

7/4/2026