






Figure similar

holder, universal, 3-way, plastic/metal, LED module, red, 24 V AC/DC, spring-loaded terminal

product brand name	SIRIUS ACT
product designation	Holders
design of the product	holder, universal for plastic/metal
product type designation	3SU1
manufacturer's article number	
• of supplied LED module	3SU1401-1BB20-3AA0
• of the supplied holder	3SU1550-0AA10-0AA0
Actuator	
design of the actuating element	3-way with module
number of contact modules	0
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	500 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
thermal current	10 A
reference code according to IEC 81346-2	U
continuous current of the C characteristic MCB	10 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
SVHC substance name	Bleimonoxyd (Bleioxyd) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5

operating voltage		
<ul style="list-style-type: none"> ● at AC <ul style="list-style-type: none"> — at 50 Hz rated value — at 60 Hz rated value ● at DC rated value 	24 ... 24 V 24 ... 24 V 24 ... 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	0	
operational current at AC-15 at 230 V rated value	6 A	
Connections/ Terminals		
type of electrical connection		
<ul style="list-style-type: none"> ● of modules and accessories 	Spring-type terminal	
type of connectable conductor cross-sections		
<ul style="list-style-type: none"> ● solid without core end processing ● finely stranded with core end processing ● finely stranded without core end processing ● for AWG cables 	2x (0.25 ... 1.5 mm ²) 2x (0.25 ... 0.75 mm ²) 2x (0.25 ... 1.5 mm ²) 2x (24 ... 16)	
tightening torque of the screws in the bracket	1 ... 1.2 N·m	
tightening torque		
<ul style="list-style-type: none"> ● for grounding 	0.8 ... 1 N·m	
Lamp		
type of light source	LED	
color of the light source	red	
Ambient conditions		
ambient temperature		
<ul style="list-style-type: none"> ● during operation ● during storage 	-25 ... +70 °C -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)	
Environmental footprint		
Environmental Product Declaration (EPD)	Yes	
Global Warming Potential [CO2 eq] total	0.593 kg	
Global Warming Potential [CO2 eq] during manufacturing	0.625 kg	
Global Warming Potential [CO2 eq] during operation	0.235 kg	
global warming potential [CO2 eq] after end of life	-0.267 kg	
Installation/ mounting/ dimensions		
fastening method	front plate 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	49.8 mm	
thickness of the front plate usable	1 ... 6 mm	
Approvals Certificates		
General Product Approval	Declaration of Conformity	Test Certificates
Confirmation 		 EG-Konf.
		Special Test Certificate
		Type Test Certificates/Test Report
other	Environment	

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1551-1AB20-3AA0>

Cax online generator

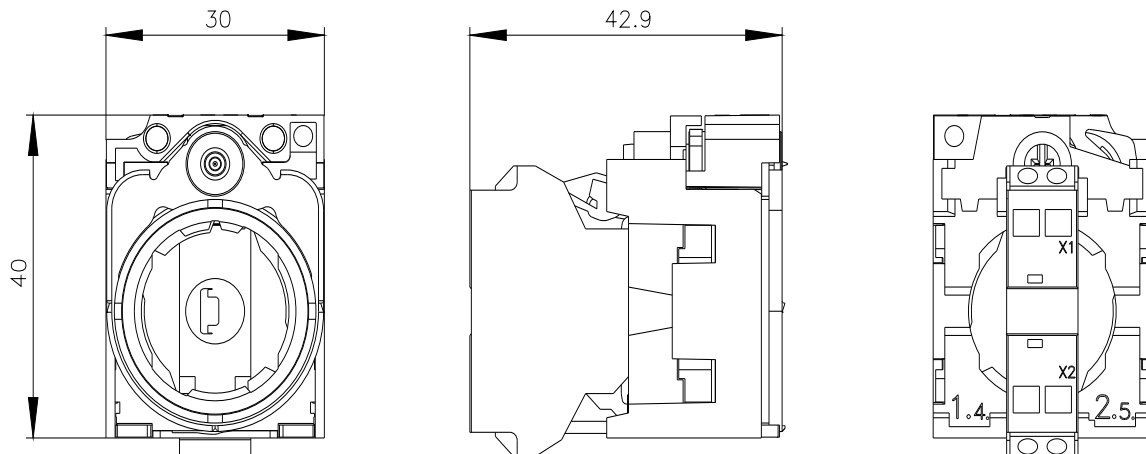
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1551-1AB20-3AA0>

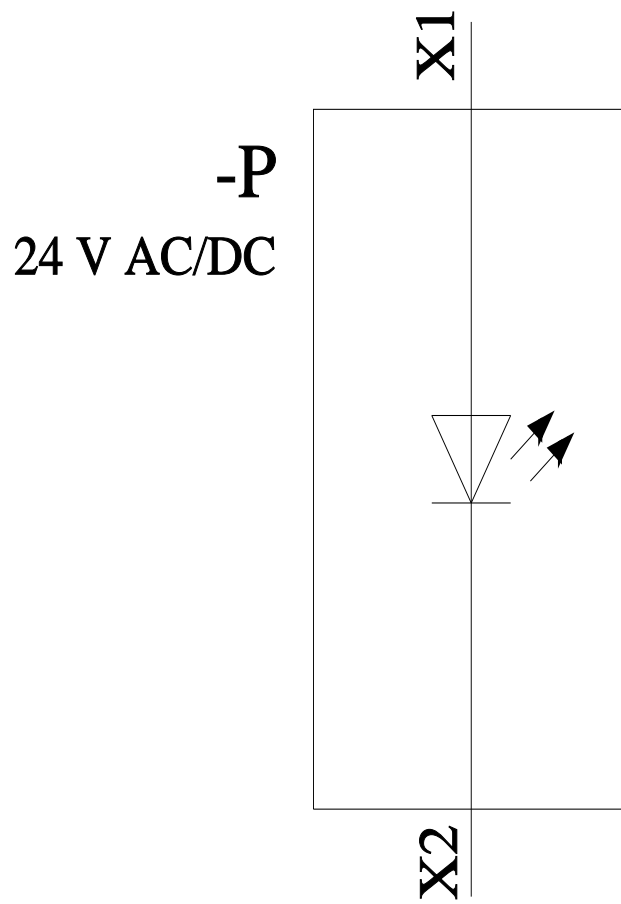
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1551-1AB20-3AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1551-1AB20-3AA0&lang=en





last modified:

11/8/2023 