

Siemens
EcoTech



holder, universal, 3-fold, 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 modules attachable	6
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 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
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 (day/month/year)		10/01/2014
SVHC substance name		Lead monoxide (lead oxide) CAS-No. 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5
Net Weight		26 g
operating voltage - at AC - at 50 Hz rated value - at 60 Hz rated value - at DC rated value		24 V 24 V 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 of modules and accessories		Spring-type terminal
type of connectable conductor cross-sections - 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 mm²) 2x (0.25 ... 0.75 mm²) 2x (0.25 ... 1.5 mm²) 2x (24 ... 16)
tightening torque of the screws in the bracket		1 ... 1.2 N·m
tightening torque for grounding		0.8 ... 1 N·m
Lamp		
type of light source		LED
color of the light source		red
Ambient conditions		
ambient temperature - 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)
Installation/ mounting/ dimensions		
fastening method of modules and accessories		front plate mounting 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 - global warming potential [CO2 eq] / during operation - global warming potential [CO2 eq] / after end of life - global warming potential [CO2 eq] / total		0.625 kg 0.235 kg -0.267 kg 0.593 kg
Environment	General Product Approval	Test Certificates

Test Certificates

Maritime application

other

[Special Test Certific-
ate](#)



[Confirmation](#)



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=3SU1551-1AB20-3AA0>

Cax online generator

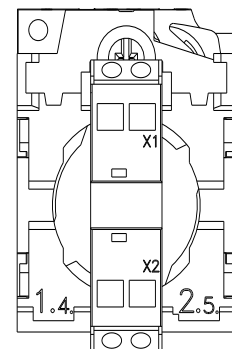
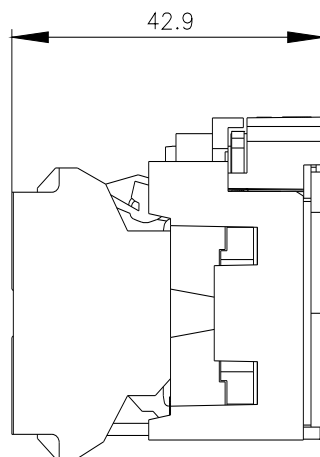
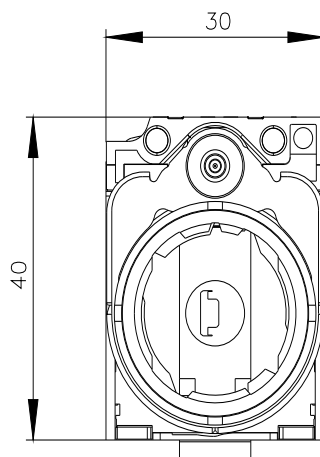
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1551-1AB20-3AA0>

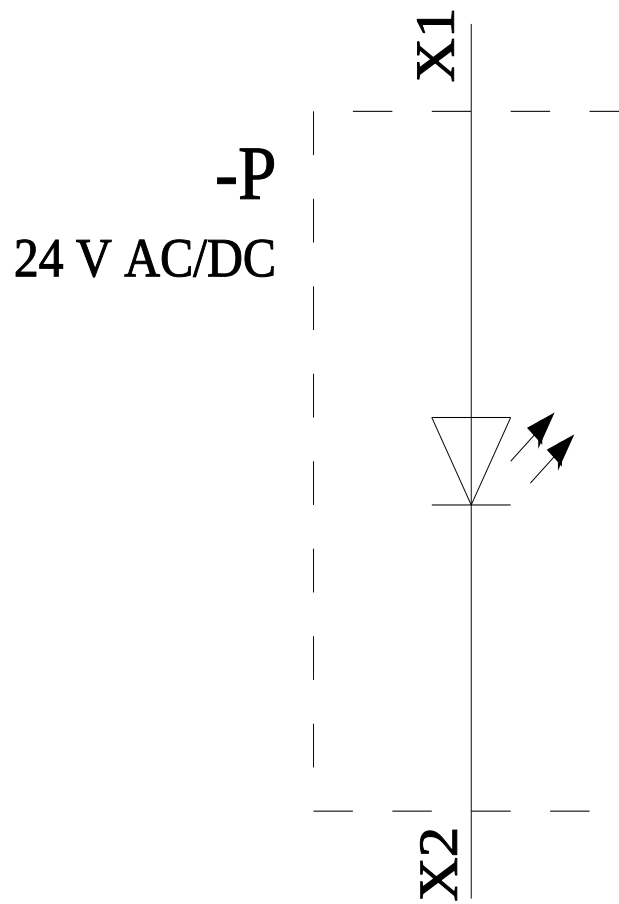
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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, ...)

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





last modified:

7/4/2026 