



Indicator lights, 22 mm, round, plastic, red, lens, smooth, with holder, LED module, with integrated LED 24 V AC/DC, screw terminal

product brand name
product designation
design of the product
product type designation
product line
manufacturer's article number
 • of supplied LED module
 • of the supplied holder
 • of supplied repeater

SIRIUS ACT
 Indicator lights
 Complete unit
 3SU1
 Plastic, black, 22 mm

[3SU1401-1BB20-1AA0](#)
[3SU1550-0AA10-0AA0](#)
[3SU1001-6AA20-0AA0](#)

Enclosure

number of command points

1

Actuator

product extension optional light source

Yes

color

red

• of the actuating element

plastic

material of the actuating element

round

shape of the actuating element

29.45 mm

outer diameter of the actuating element

Front ring

product component front ring

No

Holder

material of the holder

Plastic

Display

number of LED modules

1

General technical data

product component light source

Yes

insulation voltage rated value

320 V

degree of pollution

3

surge voltage resistance rated value

4 kV

protection class IP

IP66, IP67, IP69(IP69K)

• of the terminal

IP20

degree of protection NEMA rating

1, 2, 3, 3R, 4, 4X, 12, 13

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

reference code according to IEC 81346-2

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Substance Prohibition (Date)

10/01/2014

Supply voltage					
type of voltage of the supply voltage of the light source	AC/DC				
supply voltage of the light source at AC					
• at 50 Hz rated value	24 V				
• at 60 Hz rated value	24 V				
• at 60 Hz rated value	24 ... 24 V				
supply voltage of the light source at DC					
• rated value	24 V				
• rated value	24 ... 24 V				
relative negative tolerance of the supply voltage	20 %				
relative positive tolerance of the supply voltage	20 %				
Control circuit/ Control					
inrush current maximum	2 A				
Connections/ Terminals					
type of electrical connection	other				
• of modules and accessories	Screw-type terminal				
type of connectable conductor cross-sections					
• solid with core end processing	2x (0.5 ... 0.75 mm ²)				
• solid without core end processing	2x (1.0 ... 1.5 mm ²)				
• finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)				
• finely stranded without core end processing	2x (1.0 ... 1.5 mm ²)				
• at AWG cables	2x (18 ... 14)				
tightening torque of the screws in the bracket	1 ... 1.2 N·m				
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					
ambient temperature					
• 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 for all devices behind front panel)				
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	22.3 mm				
positive tolerance of installation diameter	0.4 mm				
mounting height	11.8 mm				
installation width	29.5 mm				
installation depth	49.7 mm				
Certificates/ approvals					
General Product Approval	Declaration of Conformity				
		Confirmation			
Declaration of Conformity	Test Certificates	Marine / Shipping			
	Type Test Certificates/Test Report				

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=3SU1102-6AA20-1AA0>

Cax online generator

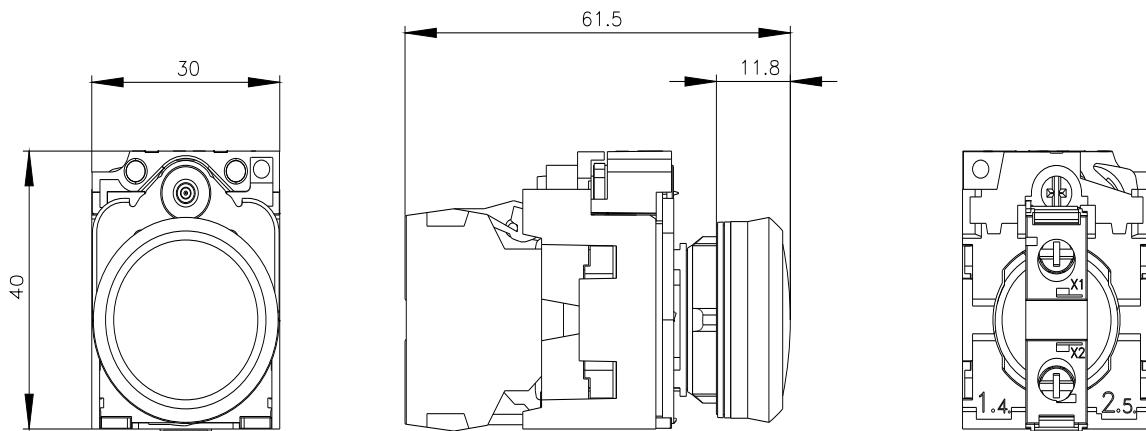
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1102-6AA20-1AA0>

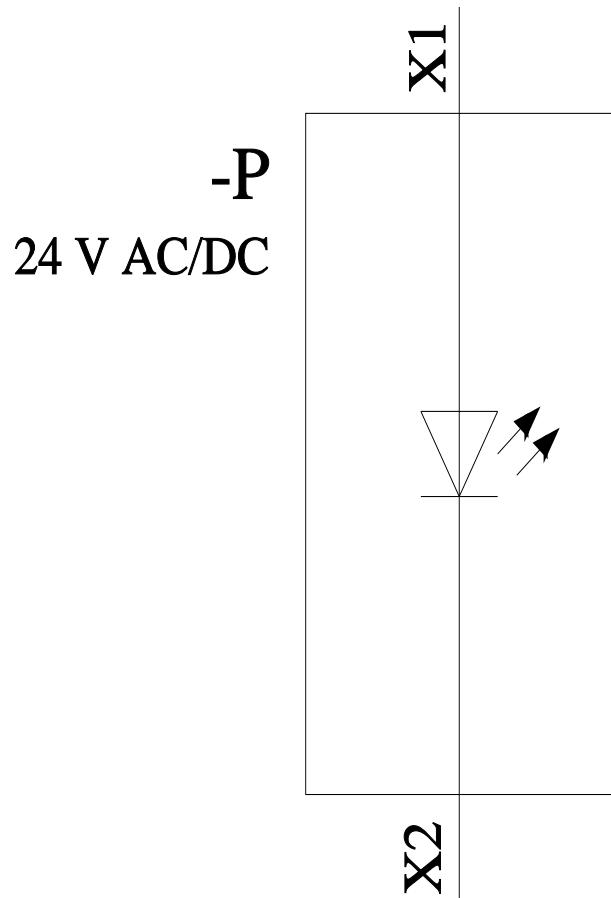
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA20-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1102-6AA20-1AA0&lang=en





last modified:

1/26/2022