








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

product brand name	SIRIUS ACT
product designation	Indicator lights
design of the product	Complete unit
product type designation	3SU1
product line	Plastic, black, 22 mm
manufacturer's article number	
• of supplied LED module	3SU1401-1BB20-3AA0
• of the supplied holder	3SU1550-0AA10-0AA0
• of supplied repeater	3SU1001-6AA20-0AA0
Enclosure	
number of command points	1
Actuator	
product extension optional light source	Yes
color	
• of the actuating element	red
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.45 mm
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
reference code according to IEC 81346-2	P
Substance Prohibitance (Date)	10/01/2014
SVHC substance name	Bleimonoxyd (Bleioxyd) - 1317-36-8 2-Methyl-1-(4-methylthiophenyl)-2-morpho - 71868-10-5
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	30 %				
relative positive tolerance of the supply voltage	25 %				
Control circuit/ Control					
inrush current maximum	2 A				
Connections/ Terminals					
type of electrical connection	other				
• of modules and accessories	Spring-type terminal				
type of connectable conductor cross-sections					
• solid without core end processing	2x (0.25 ... 1.5 mm ²)				
• finely stranded with core end processing	2x (0.25 ... 0.75 mm ²)				
• finely stranded without core end processing	2x (0.25 ... 1.5 mm ²)				
• for AWG cables	2x (24 ... 16)				
tightening torque of the screws in the bracket	1 ... 1.2 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)				
Environmental footprint					
Environmental Product Declaration (EPD)	Yes				
Global Warming Potential [CO2 eq] total	0.787 kg				
Global Warming Potential [CO2 eq] during manufacturing	0.566 kg				
Global Warming Potential [CO2 eq] during operation	0.235 kg				
global warming potential [CO2 eq] after end of life	-0.015 kg				
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				
Approvals Certificates					
General Product Approval	Declaration of Conformity				
	Confirmation				
Declaration of Conformity	Test Certificates	Marine / Shipping			



[Type Test Certificates/Test Report](#)



other

Environment

[Confirmation](#)

[Environmental Confirmations](#)

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=3SU1102-6AA20-3AA0>

Cax online generator

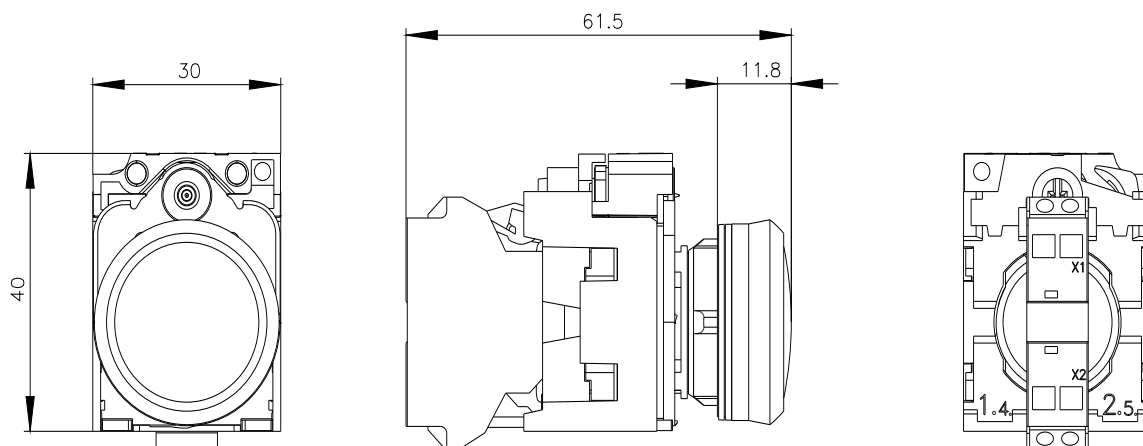
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1102-6AA20-3AA0>

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

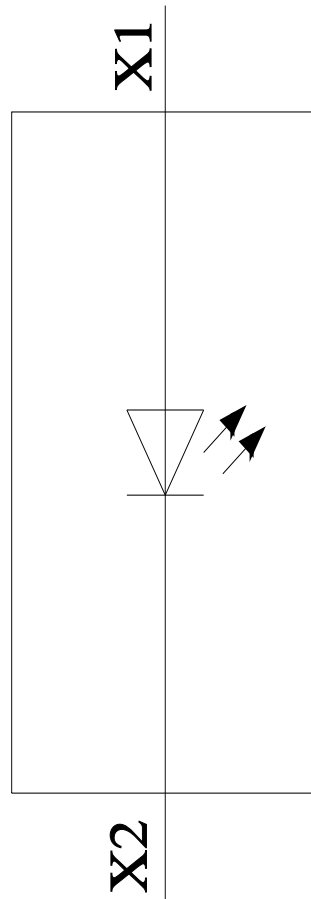
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA20-3AA0>

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

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



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24 V AC/DC



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11/8/2023 