














Indicator lights, 22 mm, round, plastic, red, lens, smooth, with holder, LED module with integrated LED 110 V AC, screw 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	
<ul style="list-style-type: none"> <li>of supplied LED module</li> <li>of the supplied holder</li> <li>of supplied repeater</li> </ul>	<a href="#">3SU1401-1BC20-1AA0</a> <a href="#">3SU1550-0AA10-0AA0</a> <a href="#">3SU1001-6AA20-0AA0</a>
<b>Enclosure</b>	
number of command points	1
<b>Actuator</b>	
product extension optional light source	Yes
color	
<ul style="list-style-type: none"> <li>of the actuating element</li> </ul>	red
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.45 mm
<b>Front ring</b>	
product component front ring	No
<b>Holder</b>	
material of the holder	Plastic
<b>Display</b>	
number of LED modules	1
<b>General technical data</b>	
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)
<ul style="list-style-type: none"> <li>of the terminal</li> </ul>	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
<ul style="list-style-type: none"> <li>according to IEC 60068-2-27</li> <li>for railway applications according to EN 61373</li> </ul>	sinusoidal half-wave 15g / 11 ms Category 1, Class B
reference code according to IEC 81346-2	P
Substance Prohibitance (Date)	10/01/2014
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 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				
<b>supply voltage of the light source at AC</b>					
• at 50 Hz rated value	110 V				
• at 60 Hz rated value	110 V				
• at 60 Hz rated value	110 ... 110 V				
<b>relative negative tolerance of the supply voltage</b>	20 %				
<b>relative positive tolerance of the supply voltage</b>	20 %				
Control circuit/ Control					
<b>inrush current maximum</b>	3 A				
Connections/ Terminals					
<b>type of electrical connection</b>	other				
• of modules and accessories	Screw-type terminal				
<b>type of connectable conductor cross-sections</b>					
• solid with core end processing	2x (0.5 ... 0.75 mm <sup>2</sup> )				
• solid without core end processing	2x (1.0 ... 1.5 mm <sup>2</sup> )				
• finely stranded with core end processing	2x (0.5 ... 1.5 mm <sup>2</sup> )				
• finely stranded without core end processing	2x (1,0 ... 1,5 mm <sup>2</sup> )				
• for AWG cables	2x (18 ... 14)				
<b>tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m				
tightening torque with screw-type terminals	0.8 ... 0.9 N·m				
Lamp					
<b>type of light source</b>	LED				
<b>color of the light source</b>	red				
<b>light intensity</b>	450 ... 1 120 mcd				
Ambient conditions					
<b>ambient temperature</b>					
• 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					
<b>fastening method</b>	front plate mounting				
• of modules and accessories	Front plate mounting				
<b>height</b>	40 mm				
<b>width</b>	30 mm				
<b>shape of the installation opening</b>	round				
<b>mounting diameter</b>	22.3 mm				
<b>positive tolerance of installation diameter</b>	0.4 mm				
<b>mounting height</b>	11.8 mm				
<b>installation width</b>	29.5 mm				
<b>installation depth</b>	49.7 mm				
Approvals Certificates					
General Product Approval	Declaration of Conformity				
	<a href="#">Confirmation</a>				
					
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=3SU1103-6AA20-1AA0>

Cax online generator

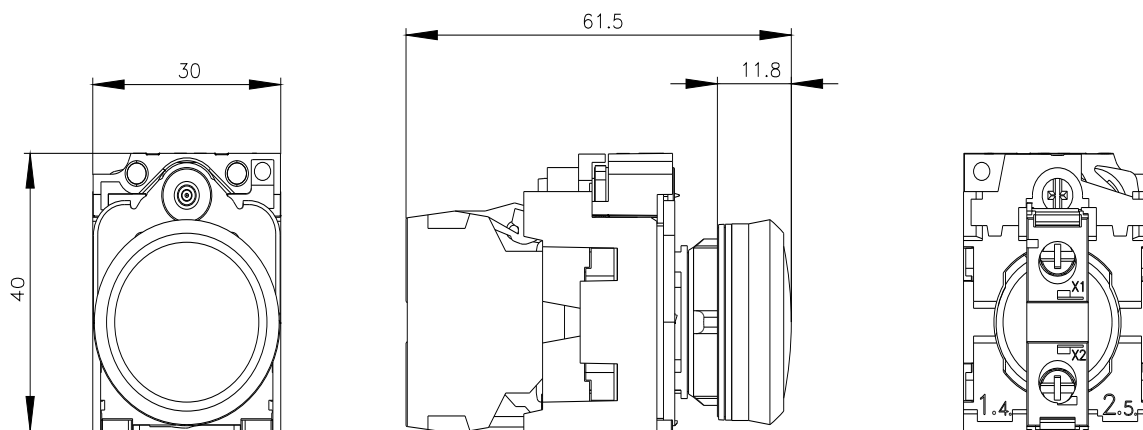
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1103-6AA20-1AA0>

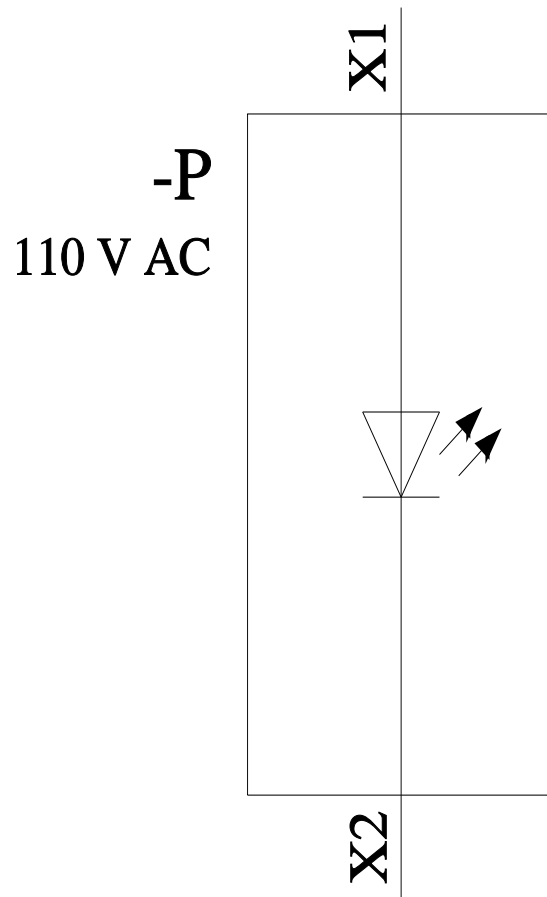
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1103-6AA20-1AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1103-6AA20-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1103-6AA20-1AA0&lang=en)





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