

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	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	<a href="#">3SU1401-1BB20-1AA0</a>
• of the supplied holder	<a href="#">3SU1500-0AA10-0AA0</a>
• of supplied repeater	<a href="#">3SU1001-6AA20-0AA0</a>

### Enclosure

Number of command points	1
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### 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	Yes
• Light source	
Insulation voltage	320 V
• rated value	
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	NEMA 1, 2, 3, 3R, 4, 4X, 12, 13
Shock resistance	Sinusoidal half-wave 50 g / 11 ms
• acc. to IEC 60068-2-27	
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	10 ... 500 Hz: 5g
• acc. to IEC 60068-2-6	
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Reference code acc. to DIN EN 81346-2	P
Reference code acc. to DIN EN 61346-2	P
Supply voltage	
Type of voltage of the supply voltage	AC/DC
• of the light source	
Supply voltage of the light source at AC	24 V
• at 50 Hz rated value	
• at 60 Hz rated value	24 V
Supply voltage of the light source at DC	24 V
• rated value	
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	Screw-type terminal
• of modules and accessories	
Type of connectable conductor cross-sections	

<ul style="list-style-type: none"> <li>• solid with core end processing</li> </ul>	2x (0.5 ... 0.75 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• solid without core end processing</li> </ul>	2x (1.0 ... 1.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>	2x (0.5 ... 1.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• finely stranded without core end processing</li> </ul>	2x (1,0 ... 1,5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• at AWG conductors</li> </ul>	2x (18 ... 14)
<b>Tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m
<b>Tightening torque</b>	
<ul style="list-style-type: none"> <li>• with screw-type terminals</li> </ul>	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>	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-25 ... +70 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-40 ... +80 °C
Environmental category during operation acc. 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

<b>Mounting type</b>	front panel mounting
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	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

### Certificates/ approvals

General Product Approval	Declaration of Conformity
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[Miscellaneous](#)

Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)



Marine / Shipping	other
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[Confirmation](#)

Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

[www.siemens.com/ic10](http://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,...)**

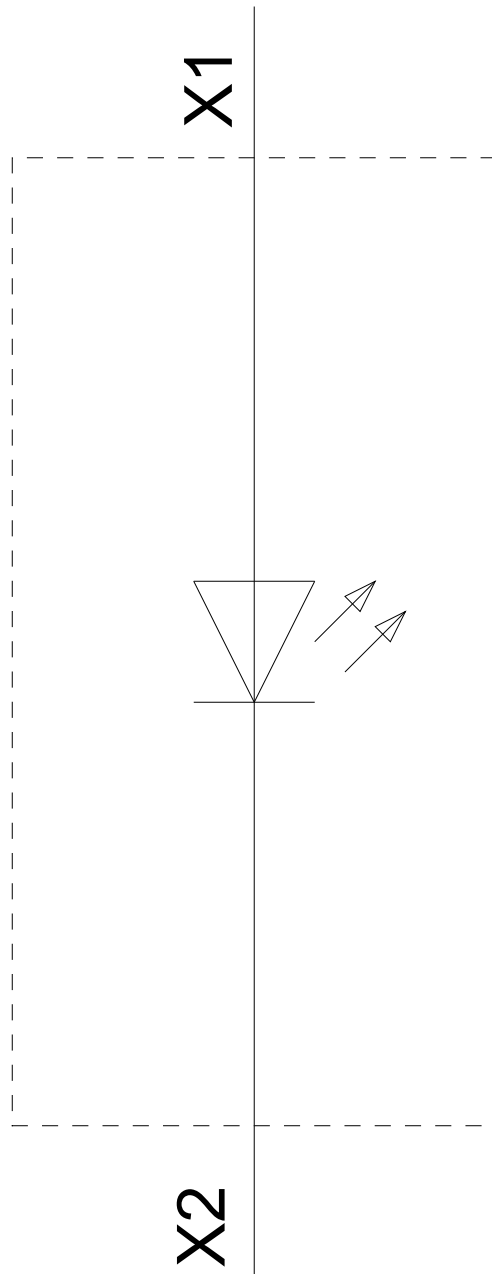
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA20-1AA0>

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



24 V AC/DC  
-P



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