

Indicator light with glow lamp, compact, 22 mm, round, plastic, clear with red-green-yellow LED, lens, smooth, with holder, Operating voltage 230 V AC, screw terminal



Product brand name	SIRIUS ACT
Product designation	Indicator lights
Design of the product	Compact unit
Product type designation	3SU1
Product line	Plastic, black, 22 mm
Manufacturer's article number	
• of the supplied holder	<a href="#">3SU1500-0AA10-0AA0</a>

### Enclosure

Shape of the enclosure front	round
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### Actuator

Design of the operating mechanism	With "traffic light" LED
Product extension optional Light source	No
Color	
• of the actuating element	clear
Material of the actuating element	plastic
Shape of the actuating element	round
Outer diameter of the actuating element	29.5 mm

### Front ring

Product component front ring	No
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## Holder

Material of the holder	Plastic
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## General technical data

<b>Product component</b>	
• Light source	Yes
<b>Insulation voltage</b>	
• rated value	320 V
<b>Degree of pollution</b>	3
<b>Surge voltage resistance rated value</b>	4 kV
<b>Consumed current</b>	
• maximum	40 mA
<b>Protection class IP</b>	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
<b>Degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12, 13
<b>Shock resistance</b>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Operating period typical</b>	100 000 h
<b>Reference code acc. to DIN EN 81346-2</b>	P
<b>Reference code acc. to DIN EN 61346-2</b>	P

## Supply voltage

<b>Type of voltage of the supply voltage</b>	
• of the light source	AC
<b>Supply voltage of the light source at AC</b>	
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 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
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## Connections/ Terminals

<b>Type of electrical connection</b>	screw-type terminals
<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> )

<ul style="list-style-type: none"> <li>finely stranded without core end processing</li> <li>at AWG conductors</li> </ul>	2x (1,0 ... 1,5 mm <sup>2</sup> ) 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 ... 1 N·m

Lamp	
<b>Type of light source</b>	LED
<b>Color of the light source</b>	red/yellow/ green
<b>Light intensity</b>	900 ... 1 400 mcd

Ambient conditions	
<b>Ambient temperature</b>	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul>	-25 ... +70 °C -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>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>	12.9 mm
<b>Installation width</b>	29.5 mm
<b>Installation depth</b>	49.6 mm

### Certificates/ approvals

General Product Approval	Declaration of Conformity
 CCC  CSA  UL	 EAC  CE EG-Konf.

[Miscellaneous](#)

Test Certificates	other
<a href="#">Type Test Certificates/Test Report</a>	<a href="#">Confirmation</a>
<a href="#">Special Test Certificate</a>	

### Further information

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=3SU1201-6AF24-1AA0>

**Cax online generator**

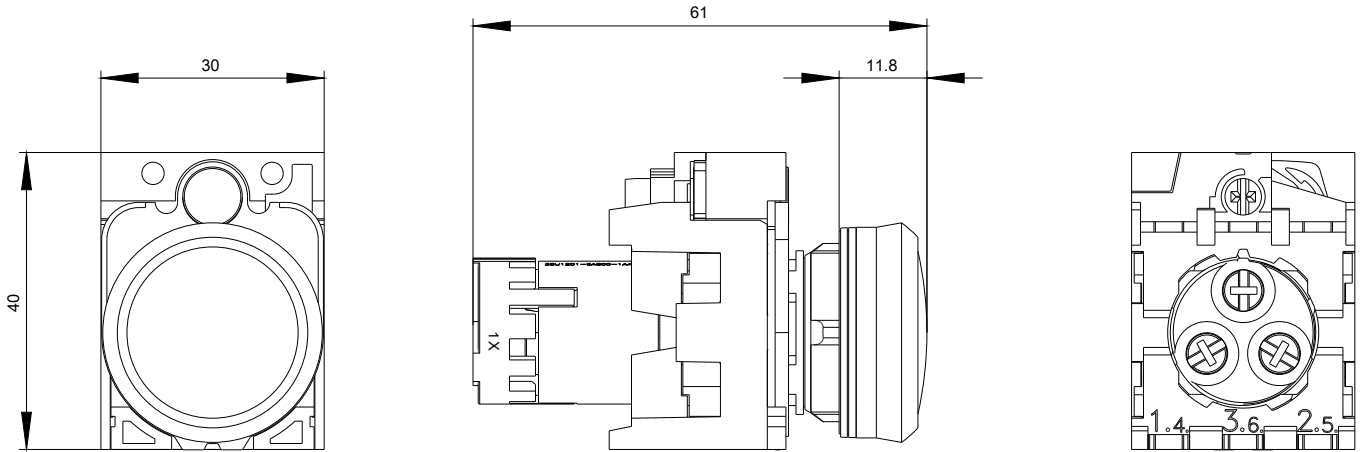
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1201-6AF24-1AA0>

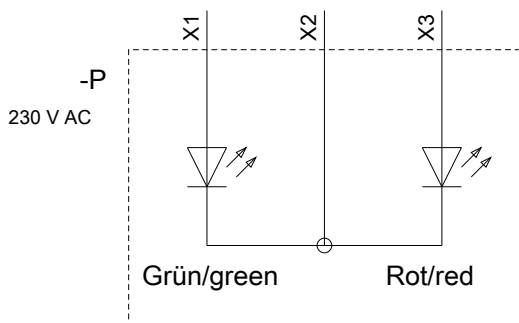
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1201-6AF24-1AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1201-6AF24-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1201-6AF24-1AA0&lang=en)





X1	X2	X3	Farbe/color
X	X		Grün/green
	X	X	Rot/red
X	X	X	Gelb/yellow

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03/06/2020