



Indicator light with LED lamp, compact, 22 mm, round, plastic, clear with red-yellow-green LED, lens, smooth, with holder, operating voltage 6-24 V AC/DC, 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	3SU1500-0AA10-0AA0
<b>Enclosure</b>	
shape of the enclosure front	round
<b>Actuator</b>	
design of the actuating element	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
<b>Front ring</b>	
product component front ring	No
<b>Holder</b>	
material of the holder	Plastic
<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
consumed current maximum	40 mA
protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20, clamping screw tightened
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
operating period typical	100 000 h
reference code acc. to IEC 81346-2	P

Supply voltage	
type of voltage of the supply voltage of the light source	AC/DC
<b>supply voltage of the light source at AC</b>	
• at 50 Hz rated value	12 V
• at 60 Hz rated value	12 V
<b>supply voltage of the light source at DC</b>	
• rated value	12 V
<b>relative negative tolerance of the supply voltage</b>	50 %
<b>relative positive tolerance of the supply voltage</b>	200 %

Control circuit/ Control	
<b>inrush current maximum</b>	2 A

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> )
• finely stranded without core end processing	2x (1,0 ... 1,5 mm <sup>2</sup> )
• at 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 ... 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	
• ambient temperature during operation	-25 ... +70 °C
• ambient temperature during storage	-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	Test Certificates



[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

Test Certificates	other
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[Special Test Certificate](#)

[Confirmation](#)

### 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?mfb=3SU1201-6AG24-1AA0>

Cax online generator

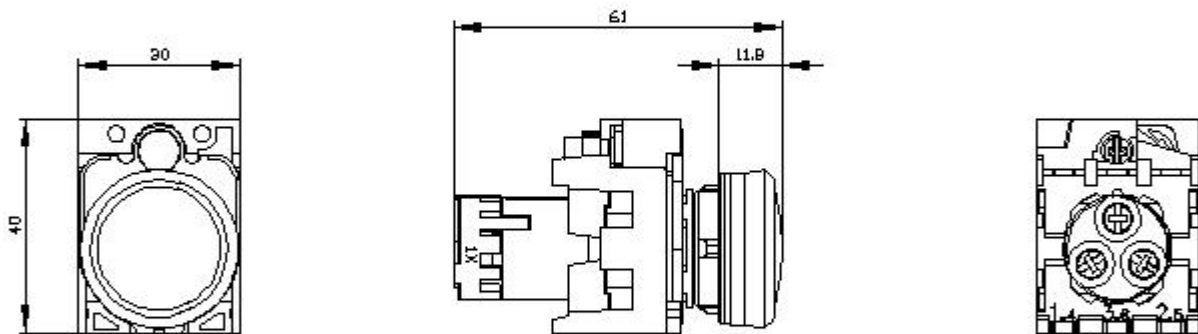
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1201-6AG24-1AA0>

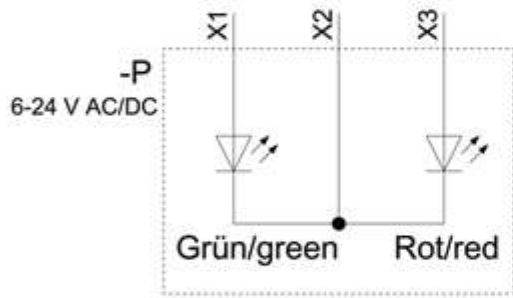
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1201-6AG24-1AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SU1201-6AG24-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1201-6AG24-1AA0&lang=en)





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

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12/15/2020