

Indicator light with glow lamp, compact, 22 mm, round, metal, clear with red-green-yellow LED, lens, smooth, with holder, Operating voltage 110 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	Metal, shiny, 22 mm
Manufacturer's article number	
• of the supplied holder	3SU1550-0AA10-0AA0

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	Metal
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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
Consumed current	
• maximum	40 mA
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	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
Operating period typical	100 000 h
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	
• of the light source	AC
Supply voltage of the light source at AC	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	110 V
Relative negative tolerance of the supply voltage	20 %
Relative positive tolerance of the supply voltage	20 %

Control circuit/ Control

Inrush current maximum	3 A
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Connections/ Terminals

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
• solid with core end processing	2x (0.5 ... 0.75 mm ²)
• solid without core end processing	2x (1.0 ... 1.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• finely stranded without core end processing	2x (1,0 ... 1,5 mm ²)
• at AWG conductors	2x (18 ... 14)

Tightening torque of the screws in the bracket	1 ... 1.2 N·m
Tightening torque	
• with screw-type terminals	0.8 ... 1 N·m

Lamp

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

Ambient conditions

Ambient temperature	
• during operation	-25 ... +70 °C
• 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

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	12.9 mm
Installation width	29.5 mm
Installation depth	49.6 mm

Certificates/ approvals

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

[Miscellaneous](#)

Test Certificates	other
Type Test Certificates/Test Report	Confirmation
Special Test Certificate	

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=3SU1251-6AC24-1AA0>

Cax online generator

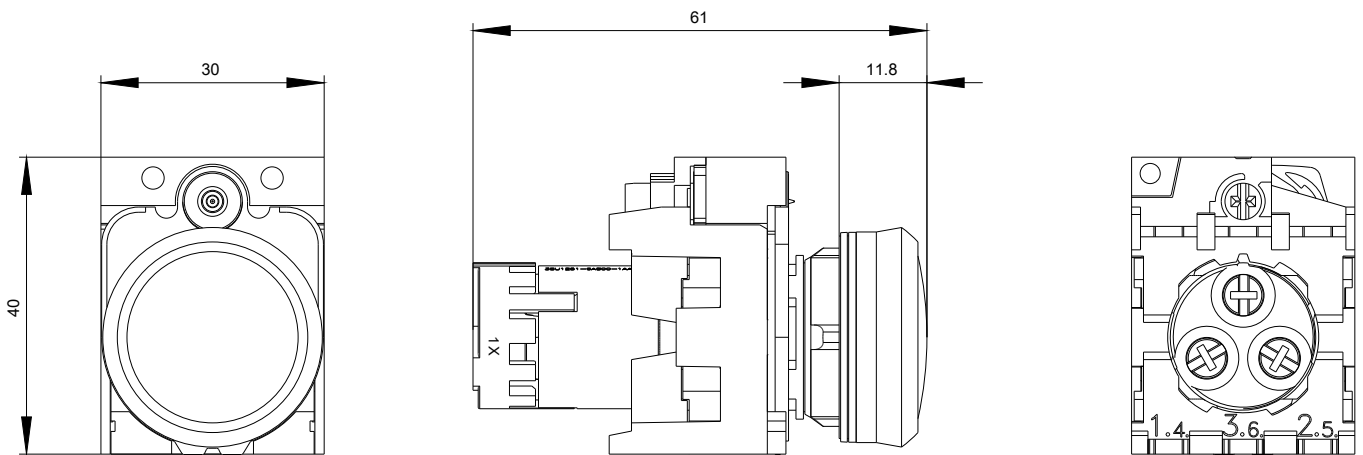
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1251-6AC24-1AA0>

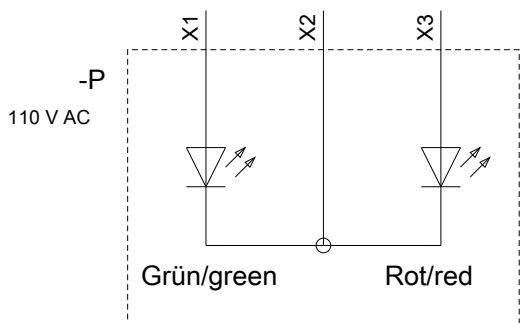
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1251-6AC24-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1251-6AC24-1AA0&lang=en





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

last modified:

03/06/2020