



Indicator lights, compact, 22 mm, round, metal, amber, lens, smooth, with holder. Operating voltage 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	Metal, shiny, 22 mm
manufacturer's article number of the supplied holder	3SU1550-0AA10-0AA0
Enclosure	
shape of the enclosure front	round
Actuator	
product extension optional light source	No
color	
• of the actuating element	amber
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
Holder	
material of the holder	Metal
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	20 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
vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
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
supply voltage of the light source at AC	

<ul style="list-style-type: none"> at 50 Hz rated value at 60 Hz rated value 	24 V
supply voltage of the light source at DC	24 V
<ul style="list-style-type: none"> rated value 	24 V
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 terminals
type of connectable conductor cross-sections	
<ul style="list-style-type: none"> solid with core end processing solid without core end processing finely stranded with core end processing finely stranded without core end processing at AWG cables 	2x (0.5 ... 0.75 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (18 ... 14)
tightening torque of the screws in the bracket	1 ... 1.2 N·m
<ul style="list-style-type: none"> tightening torque with screw-type terminals 	0.8 ... 1 N·m

Lamp

type of light source	LED
color of the light source	amber
light intensity	450 ... 1 120 mcd

Ambient conditions

<ul style="list-style-type: none"> ambient temperature during operation ambient temperature during storage 	-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

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	Test Certificates
---------------------------------	----------------------------------	--------------------------



[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

Test Certificates	other
--------------------------	--------------

[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?mlfb=3SU1251-6AB00-1AA0>

Cax online generator

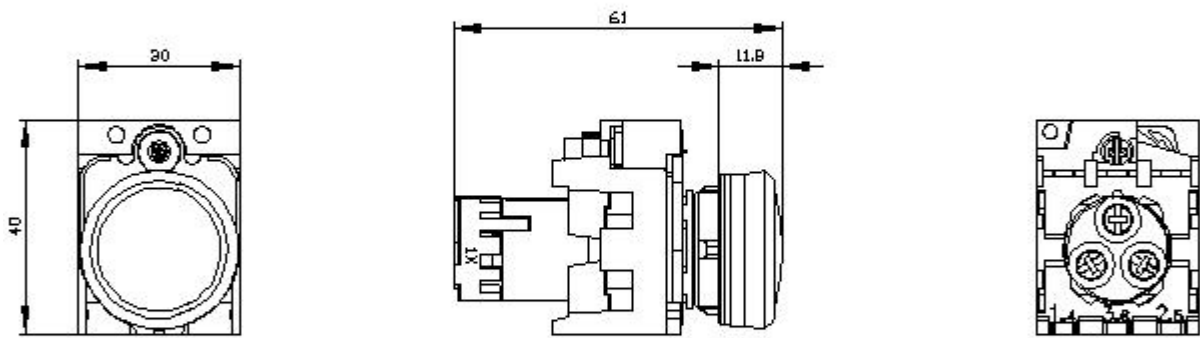
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1251-6AB00-1AA0>

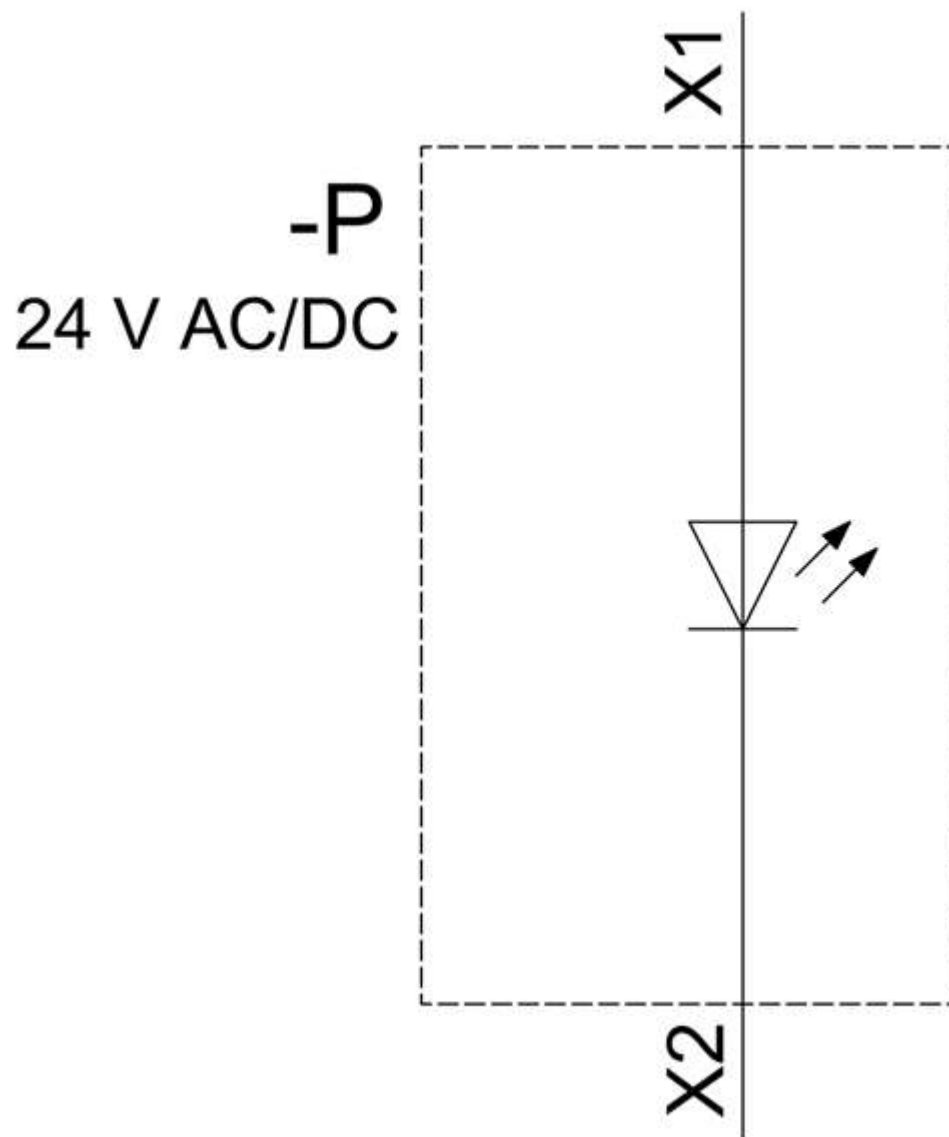
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1251-6AB00-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1251-6AB00-1AA0&lang=en





last modified:

12/15/2020 