SIEMENS

Indicator light with LED lamp, compact, 22 mm, round, metal, 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	Metal, shiny, 22 mm
manufacturer's article number of the supplied holder	3SU1550-0AA10-0AA0
Enclosure	
shape of the enclosure front	round
Actuator	
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
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	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	
● according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	
● according to IEC 60068-2-6	10 ... 500 Hz: 5g
operating period typical	100 000 h
reference code according to IEC 81346-2	P
Substance Prohibitance (Date)	10/01/2014
SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8
Supply voltage	
type of voltage of the supply voltage of the light source	AC/DC
supply voltage of the light source at AC	

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● at 50 Hz rated value	12 V
● at 60 Hz rated value	12 V
supply voltage of the light source at DC rated value	
●	12 V
relative negative tolerance of the supply voltage	50 %
relative positive tolerance of the supply voltage	200 %

Control circuit/ Control	
inrush current maximum	2 A

Connections/ Terminals	
type of electrical connection	screw terminal
type of connectable conductor cross-sections	
● solid with core end processing	2x (0.5 ... 0.75 mm²)
● solid without core end processing	2x (1.0 ... 1.5 mm²)
● finely stranded with core end processing	2x (0.5 ... 1.5 mm²)
● finely stranded without core end processing	2x (1,0 ... 1,5 mm²)
● for AWG cables	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 according 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)

Environmental footprint	
Environmental Product Declaration(EPD)	Yes
Global Warming Potential [CO2 eq] total	0.593 kg
Global Warming Potential [CO2 eq] during manufacturing	0.625 kg
Global Warming Potential [CO2 eq] during operation	0.235 kg
Global Warming Potential [CO2 eq] after end of life	-0.267 kg

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

Approvals Certificates		
General Product Approval		**Test Certificates**
Confirmation	CE EG-Konf. UKCA c(UL)us EAC	Type Test Certificates/Test Report

Test Certificates	other	Environment
Special Test Certificate	Confirmation	EPD Siemens EcoTech Environmental Confirmations

Further information	
Information on the packaging	

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1251-6AG24-1AA0
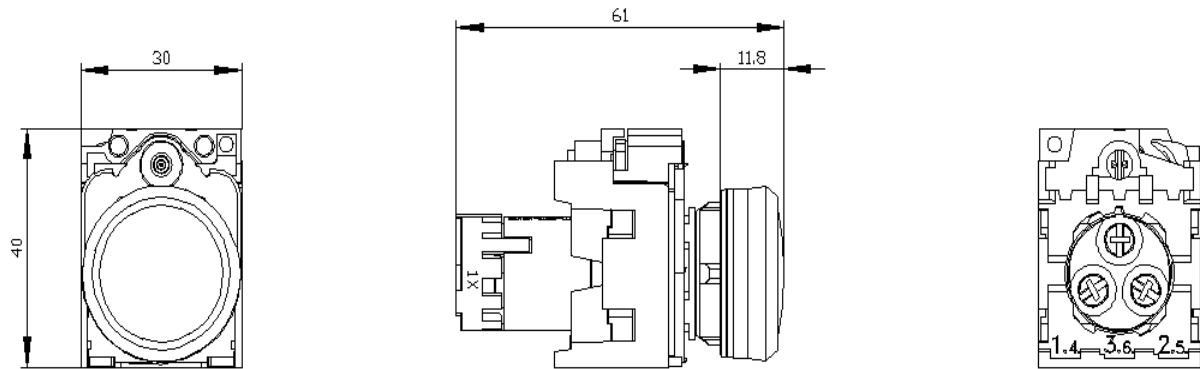
Cax online generator
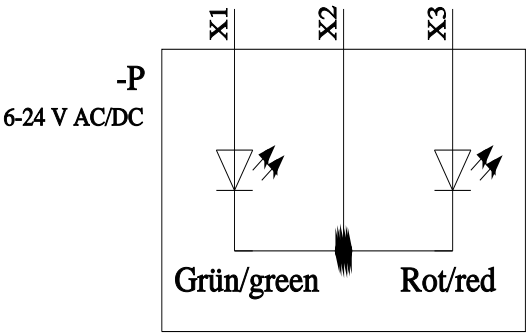http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1251-6AG24-1AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1251-6AG24-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1251-6AG24-1AA0&lang=en

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-P
6-24 V AC/DC

X1 X2 X3

Grün/green   Rot/red

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

last modified: 4/8/2024