SIEMENS

Data sheet   **3SU1201-6AF24-1AA0**

Indicator light with LED lamp, compact, 22 mm, round, plastic, clear with red-yellow-green 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	3SU1500-0AA10-0AA0
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	Plastic
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	
● 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

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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	230 V
● at 60 Hz rated value	230 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

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 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)
● at 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
● 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	
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**

CSA CCC UL EAC CE EG-Konf. [Miscellaneous](#)

Test Certificates	**other**

[Special Test Certificate](#) [Type Test Certificates/Test Report](#) [Confirmation](#)

Further information	

Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)

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-P
230 V AC

X1   X2   X3
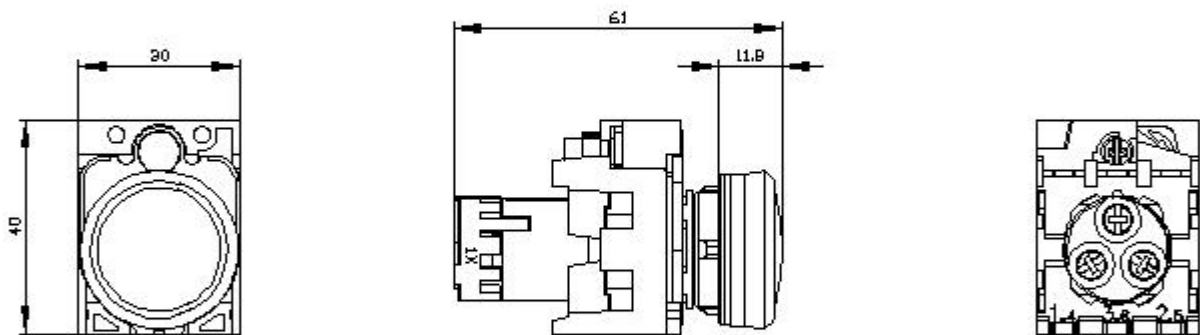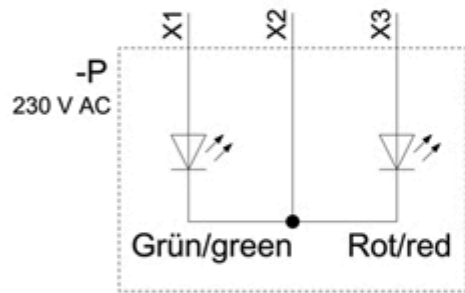
Grün/green   Rot/red

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

last modified: 12/15/2020 ⬀

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