## 3SU1106-6AA20-1AA0-Z Y13

## **Data sheet**



Indicator lights, 22 mm, round, plastic, red, lens, smooth, with holder, LED module, with integrated LED 230 V AC, screw terminal, with laser labeling, symbol number according to, ISO 7000 or IEC 60417

product brand name	SIRIUS ACT
product designation	Indicator lights
design of the product	Complete unit
product type designation	3SU1
product line	Plastic, black, 22 mm
manufacturer's article number	
<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BF20-1AA0
<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
<ul> <li>of supplied repeater</li> </ul>	3SU1001-6AA20-0AA0
Enclosure	
number of command points	1
Actuator	
product extension optional light source	Yes
color	
of the actuating element	red
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.45 mm
marking of the actuating element	Any inscription, symbol compliant with ISO7000 and IEC60417
Front ring	
product component front ring	No
Holder	
material of the holder	Plastic
Display	
number of LED modules	1
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
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	
<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B

reference code according to IEC 81346-2	P
Substance Prohibitance (Date)	10/01/2014
Supply voltage	10/01/2014
type of voltage of the supply voltage of the light source	AC
supply voltage of the light source at AC	AC
,	220.1/
• at 50 Hz rated value	230 V
• at 60 Hz rated value	230 V
• at 60 Hz rated value	230 230 V
relative negative tolerance of the supply voltage	20 %
relative positive tolerance of the supply voltage	20 %
Control circuit/ Control	2.4
inrush current maximum	3 A
Connections/ Terminals	
type of electrical connection	other
of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
<ul> <li>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	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 0.9 N·m
Lamp	
type of light source	LED
color of the light source	red
light intensity	450 1 120 mcd
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-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)
Installation/ mounting/ dimensions	
fastening method	front plate mounting
<ul> <li>of modules and accessories</li> </ul>	Front plate mounting
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	11.8 mm
installation width	29.5 mm
installation depth	49.7 mm
Certificates/ approvals	
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=3SU1106-6AA20-1AA0-Z Y13

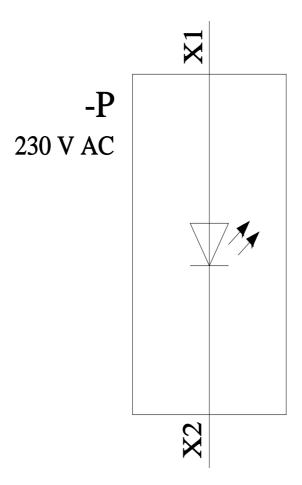
Cax online generator

 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1106-6AA20-1AA0-Z\ Y13-1AA0-Z\ Y13-1AA0-Z\$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-6AA20-1AA0-Z Y13

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1106-6AA20-1AA0-Z Y13&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1106-6AA20-1AA0-Z Y13&lang=en</a>



last modified: 1/26/2022 🖸