## **SIEMENS**

## **Data sheet**



Indicator lights, 22 mm, round, metal, shiny, yellow, lens, smooth, with holder, LED module with integrated LED 230 V AC, screw terminal, Z=20-unit packaging

product brand name	SIRIUS ACT	
product designation	Indicator lights	
design of the product	Complete unit	
product type designation	3SU1	
product line	Metal, shiny, 22 mm	
manufacturer's article number		
of supplied LED module	3SU1401-1BF30-1AA0	
<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0	
of supplied repeater	3SU1051-6AA30-0AA0	
Enclosure		
number of command points	1	
Actuator		
product extension optional light source	Yes	
color		
of the actuating element	yellow	
material of the actuating element	plastic	
shape of the actuating element	round	
outer diameter of the actuating element	29.45 mm	
Front ring		
product component front ring	No	
Holder		
material of the holder	Plastic	
Display		
number of LED modules	1	
General technical data	General technical data	
and the common and light actives		
product component light source	Yes	
insulation voltage rated value	Yes 320 V	
<u> </u>		
insulation voltage rated value	320 V	
insulation voltage rated value degree of pollution	320 V 3	
insulation voltage rated value degree of pollution surge voltage resistance rated value	320 V 3 4 kV	
insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP	320 V 3 4 kV IP66, IP67, IP69(IP69K)	
insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP  • of the terminal	320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20	
insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP  • of the terminal degree of protection NEMA rating	320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20	
insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP	320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13	
insulation voltage rated value  degree of pollution  surge voltage resistance rated value  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance according to IEC 60068-2-27	320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13	
insulation voltage rated value degree of pollution surge voltage resistance rated value protection class IP	320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms	
insulation voltage rated value  degree of pollution  surge voltage resistance rated value  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-6	320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms 10 500 Hz: 5g	
insulation voltage rated value  degree of pollution  surge voltage resistance rated value  protection class IP  of the terminal  degree of protection NEMA rating  shock resistance  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-6  reference code according to IEC 81346-2	320 V 3 4 kV IP66, IP67, IP69(IP69K) IP20 1, 2, 3, 3R, 4, 4X, 12, 13 sinusoidal half-wave 15g / 11 ms  10 500 Hz: 5g P	

supply voltage of the light source at AC	
• 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	
inrush current maximum	3 A
Connections/ Terminals	
type of electrical connection	other
<ul> <li>of modules and accessories</li> </ul>	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)
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 0.9 N·m
Lamp	
type of light source	LED
color of the light source	yellow
light intensity	900 1 400 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
of modules and accessories	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	

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1156-6AA30-1AA0-Z X90

Cax online generator

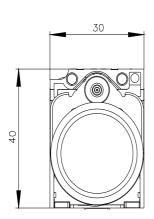
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1156-6AA30-1AA0-Z~X90}$ 

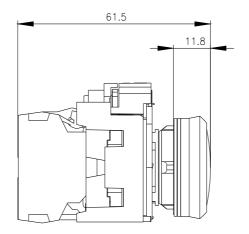
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

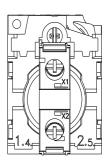
https://support.industry.siemens.com/cs/ww/en/ps/3SU1156-6AA30-1AA0-Z X90

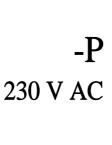
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

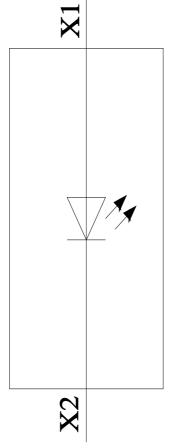
http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1156-6AA30-1AA0-Z X90&lang=en











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