

Siemens  
EcoTech



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



<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Indicator lights
<b>design of the product</b>	Complete unit
<b>product type designation</b>	3SU1
<b>product line</b>	Plastic, black, 22 mm
<b>manufacturer's article number</b>	
• of supplied LED module	<a href="#">3SU1401-1BF50-1AA0</a>
• of the supplied holder	<a href="#">3SU1550-0AA10-0AA0</a>
• of supplied repeater	<a href="#">3SU1001-6AA50-0AA0</a>
<b>Enclosure</b>	
<b>number of command points</b>	1
<b>Actuator</b>	
product extension optional light source	Yes
<b>color</b>	
• of the actuating element	blue
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>outer diameter of the actuating element</b>	29.45 mm
<b>Front ring</b>	
<b>product component front ring</b>	No
<b>Holder</b>	
<b>material of the holder</b>	Plastic
<b>Display</b>	
<b>number of LED modules</b>	1
<b>General technical data</b>	
product component light source	Yes
<b>insulation voltage rated value</b>	320 V
<b>degree of pollution</b>	3
<b>surge voltage resistance rated value</b>	4 kV
<b>protection class IP</b>	IP66, IP67, IP69(IP69K)
protection class IP of the terminal	IP20
<b>degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12, 13
<b>shock resistance</b>	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
<b>vibration resistance</b>	

<ul style="list-style-type: none"> <li>• according to IEC 60068-2-6</li> <li>• for railway applications according to EN 61373</li> </ul>	10 ... 500 Hz: 5g Category 1, Class B	
<b>reference code according to IEC 81346-2</b>	P	
<b>Substance Prohibition (Date)</b>	10/01/2014	
<b>SVHC substance name</b>	Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5	
<b>Net Weight</b>	49 g	
<b>Supply voltage</b>		
type of voltage of the supply voltage of the light source	AC	
<b>supply voltage of the light source at AC</b>		
<ul style="list-style-type: none"> <li>• at 50 Hz rated value</li> <li>• at 60 Hz rated value</li> <li>• at 60 Hz rated value</li> </ul>	230 V 230 V 230 ... 230 V	
<b>relative negative tolerance of the supply voltage</b>	20 %	
<b>relative positive tolerance of the supply voltage</b>	20 %	
<b>Control circuit/ Control</b>		
<b>inrush current maximum</b>	3 A	
<b>Connections/ Terminals</b>		
<b>type of electrical connection</b>	other	
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	Screw-type terminal	
<b>type of connectable conductor cross-sections</b>		
<ul style="list-style-type: none"> <li>• solid with core end processing</li> <li>• solid without core end processing</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> <li>• for AWG cables</li> </ul>	2x (0.5 ... 0.75 mm <sup>2</sup> ) 2x (1.0 ... 1.5 mm <sup>2</sup> ) 2x (0.5 ... 1.5 mm <sup>2</sup> ) 2x (1,0 ... 1,5 mm <sup>2</sup> ) 2x (18 ... 14)	
<b>tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m	
tightening torque with screw-type terminals	0.8 ... 0.9 N·m	
<b>Lamp</b>		
<b>type of light source</b>	LED	
<b>color of the light source</b>	blue	
<b>light intensity</b>	280 ... 710 mcd	
<b>Ambient conditions</b>		
<b>ambient temperature</b>		
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	-25 ... +70 °C -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)	
<b>Environmental footprint</b>		
Environmental Product Declaration (EPD)	Yes	
global warming potential [CO2 eq] total	0.787 kg	
global warming potential [CO2 eq] during manufacturing	0.566 kg	
global warming potential [CO2 eq] during operation	0.235 kg	
global warming potential [CO2 eq] after end of life	-0.015 kg	
Siemens Eco Profile (SEP)	Siemens EcoTech	
<b>Installation/ mounting/ dimensions</b>		
<b>fastening method</b>	front plate mounting	
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	Front plate mounting	
<b>height</b>	40 mm	
<b>width</b>	30 mm	
<b>shape of the installation opening</b>	round	
<b>mounting diameter</b>	22.3 mm	
<b>positive tolerance of installation diameter</b>	0.4 mm	
<b>mounting height</b>	11.8 mm	
<b>installation width</b>	29.5 mm	
<b>installation depth</b>	49.7 mm	
<b>Approvals Certificates</b>		
<b>General Product Approval</b>	<b>Test Certificates</b>	<b>Maritime application</b>



[Type Test Certificates/Test Report](#)



Maritime application

other

Environment



[Confirmation](#)



Environment



[Environmental Confirmations](#)

Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SU1106-6AA50-1AA0-Z X90>

Cax online generator

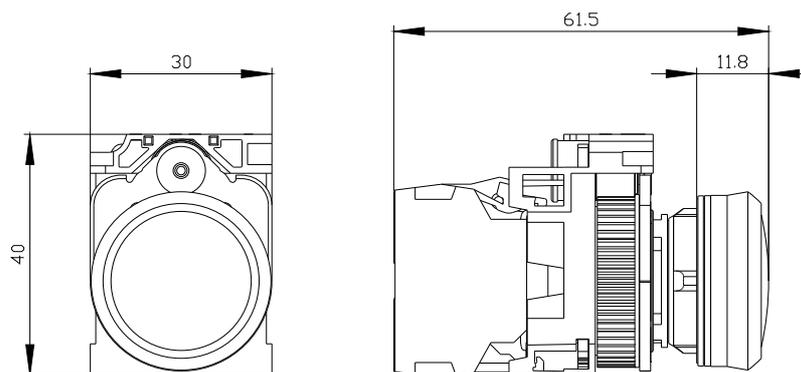
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1106-6AA50-1AA0-Z X90>

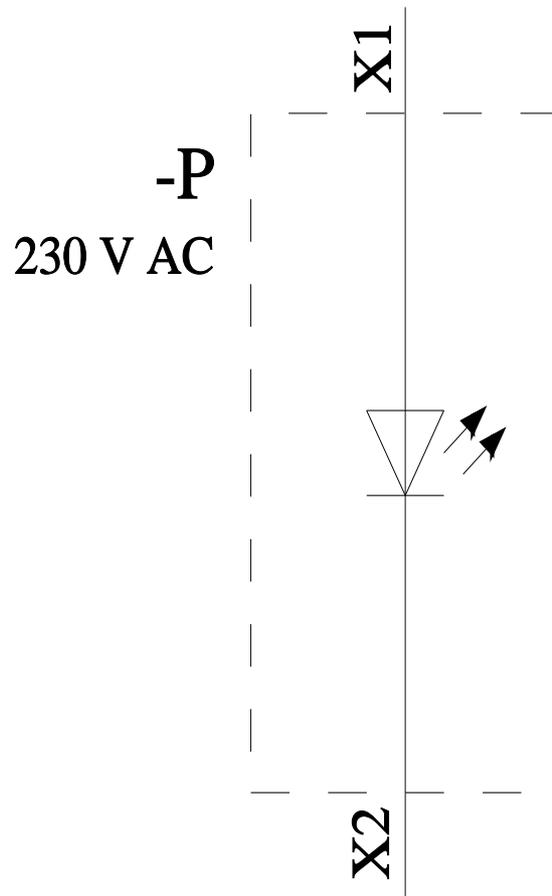
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-6AA50-1AA0-Z X90>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1106-6AA50-1AA0-Z X90&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1106-6AA50-1AA0-Z X90&lang=en)





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