

Siemens  
EcoTech



Indicator lights, 22 mm, round, metal, shiny, red, lens, smooth, with holder, LED module with integrated LED 110 V AC, screw terminal, with laser labeling, upper case and lower case, always upper case at the beginning of the word



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	<a href="#">3SU1401-1BC20-1AA0</a>
• of the supplied holder	<a href="#">3SU1550-0AA10-0AA0</a>
• of supplied repeater	<a href="#">3SU1051-6AA20-0AA0</a>
<b>Enclosure</b>	
number of command points	1
<b>Actuator</b>	
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	Customized labeling, text in lower case/capital letters, all words start with capital letters
<b>Front ring</b>	
product component front ring	No
<b>Holder</b>	
material of the holder	Plastic
<b>Display</b>	
number of LED modules	1
<b>General technical data</b>	
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)
protection class IP of the terminal	IP20
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
reference code according to IEC 81346-2	P
Substance Prohibition (Date)	10/01/2014
Weight	0.074 kg
<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>	
• at 50 Hz rated value	110 V
• at 60 Hz rated value	110 V
• at 60 Hz rated value	110 ... 110 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
• of modules and accessories	Screw-type terminal
<b>type of connectable conductor cross-sections</b>	
• solid with core end processing	2x (0.5 ... 0.75 mm <sup>2</sup> )
• solid without core end processing	2x (1.0 ... 1.5 mm <sup>2</sup> )
• finely stranded with core end processing	2x (0.5 ... 1.5 mm <sup>2</sup> )
• finely stranded without core end processing	2x (1,0 ... 1,5 mm <sup>2</sup> )
• for AWG cables	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>	red
<b>light intensity</b>	450 ... 1 120 mcd
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• 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)
<b>Environmental footprint</b>	
Environmental Product Declaration (EPD)	Yes
Global Warming Potential [CO <sub>2</sub> eq] total	0.593 kg
Global Warming Potential [CO <sub>2</sub> eq] during manufacturing	0.625 kg
Global Warming Potential [CO <sub>2</sub> eq] during operation	0.235 kg
Global Warming Potential [CO <sub>2</sub> eq] after end of life	-0.267 kg
Siemens Eco Profile (SEP)	Siemens EcoTech
<b>Installation/ mounting/ dimensions</b>	
<b>fastening method</b>	front plate mounting
• of modules and accessories	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>	
General Product Approval	Test Certificates



[Confirmation](#)



[Type Test Certificates/Test Report](#)

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firmations](#)

## 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=3SU1153-6AA20-1AA0-Z Y15>

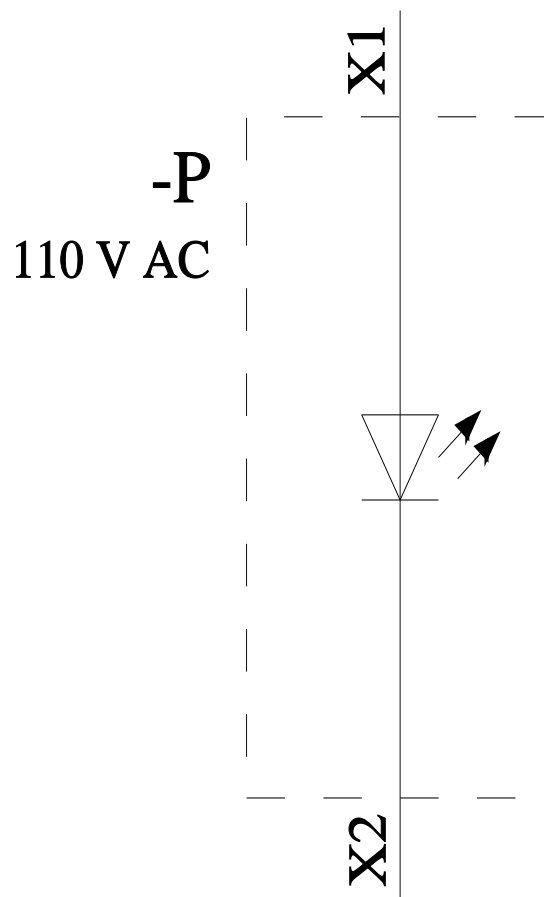
## Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1153-6AA20-1AA0-Z Y15>

## Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-6AA20-1AA0-Z Y15>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1153-6AA20-1AA0-Z Y15&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1153-6AA20-1AA0-Z Y15&lang=en)

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