

Siemens
EcoTech



Indicator lights, 22 mm, round, plastic, clear, lens, smooth, with holder, LED module with integrated LED 110 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	Plastic, black, 22 mm
manufacturer's article number	
• of supplied LED module	3SU1401-1BC60-1AA0
• of the supplied holder	3SU1550-0AA10-0AA0
• of supplied repeater	3SU1001-6AA70-0AA0
Enclosure	
number of command points	1
Actuator	
product extension optional light source	Yes
color	
• of the actuating element	clear
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.45 mm
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	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g

• for railway applications according to EN 61373	Category 1, Class B	
reference code according to IEC 81346-2	P	
Substance Prohibitance (Date)	10/01/2014	
SVHC substance name	Lead - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5	
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	110 V	
• at 60 Hz rated value	110 V	
• at 60 Hz rated value	110 ... 110 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	
• of modules and accessories	Screw-type terminal	
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)	
• 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	white	
light intensity	900 ... 1 400 mcd	
Ambient conditions		
ambient temperature		
• 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)	
Environmental footprint		
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	
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	
Approvals Certificates		
General Product Approval	Test Certificates	Marine / Shipping

[Confirmation](#)



[Type Test Certificates/Test Report](#)



Marine / Shipping

other

Environment



[Confirmation](#)



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[Environmental Confirmations](#)

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=3SU1103-6AA70-1AA0-Z X90>

Cax online generator

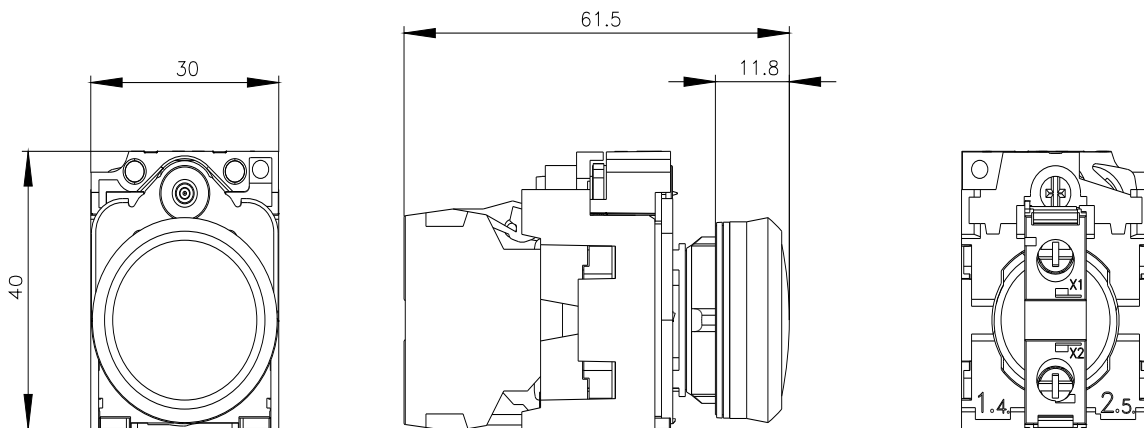
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1103-6AA70-1AA0-Z X90>

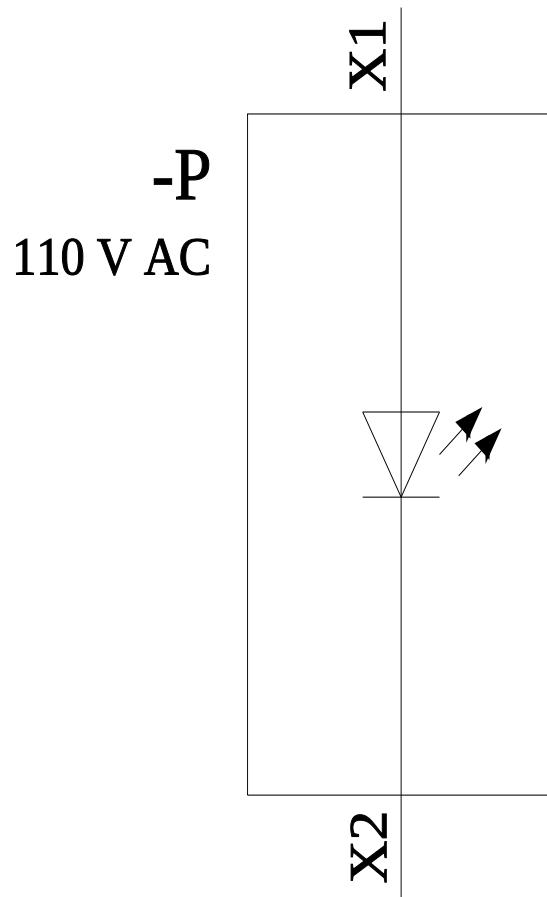
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1103-6AA70-1AA0-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=3SU1103-6AA70-1AA0-Z X90&lang=en





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