



Indicator lights, 22 mm, round, plastic, clear, lens, smooth, with holder, LED module, with integrated LED 110 V AC, spring-type 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	
<ul style="list-style-type: none"> • of supplied LED module • of the supplied holder • of supplied repeater 	3SU1401-1BC60-3AA0 3SU1500-0AA10-0AA0 3SU1001-6AA70-0AA0
Enclosure	
number of command points	1
Actuator	
product extension optional light source	Yes
color	
<ul style="list-style-type: none"> • 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)
<ul style="list-style-type: none"> • of the terminal 	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
<ul style="list-style-type: none"> • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 	Sinusoidal half-wave 50g / 11 ms Category 1, Class B
vibration resistance	
<ul style="list-style-type: none"> • acc. to IEC 60068-2-6 	10 ... 500 Hz: 5g

<ul style="list-style-type: none"> for railway applications acc. to DIN EN 61373 	Category 1, Class B
reference code acc. to IEC 81346-2	P
Supply voltage	
type of voltage of the supply voltage of the light source	AC
<ul style="list-style-type: none"> supply voltage 1 of the light source at AC at 50 Hz rated value 	110 V
<ul style="list-style-type: none"> supply voltage 1 of the light source at AC at 60 Hz rated value 	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 of modules and accessories	Spring-type terminal
type of connectable conductor cross-sections	
<ul style="list-style-type: none"> solid without core end processing 	2x (0.25 ... 1.5 mm ²)
<ul style="list-style-type: none"> finely stranded with core end processing 	2x (0.25 ... 0.75 mm ²)
<ul style="list-style-type: none"> finely stranded without core end processing 	2x (0.25 ... 1.5 mm ²)
<ul style="list-style-type: none"> at AWG cables 	2x (24 ... 16)
tightening torque of the screws in the bracket	1 ... 1.2 N·m
Lamp	
type of light source	LED
color of the light source	white
light intensity	900 ... 1 400 mcd
Ambient conditions	
<ul style="list-style-type: none"> ambient temperature during operation 	-25 ... +70 °C
<ul style="list-style-type: none"> ambient temperature during storage 	-40 ... +80 °C
environmental category during operation acc. 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 panel mounting
<ul style="list-style-type: none"> 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	

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

Cax online generator

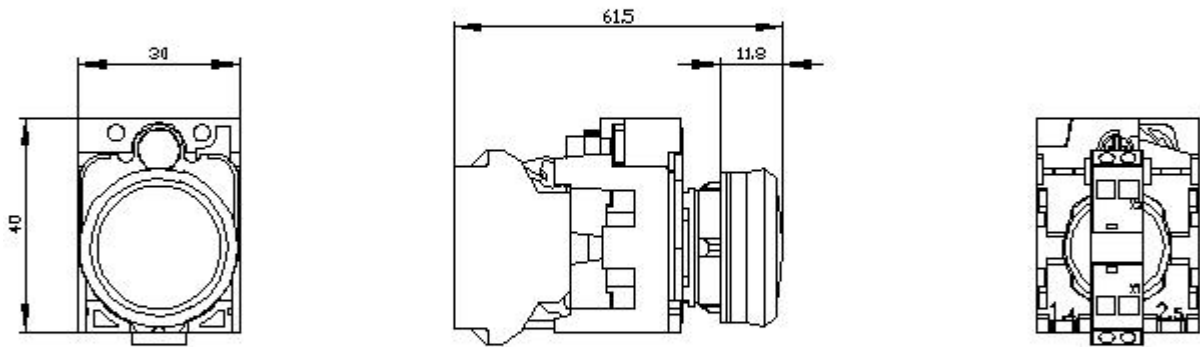
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1103-6AA70-3AA0-Z X90>

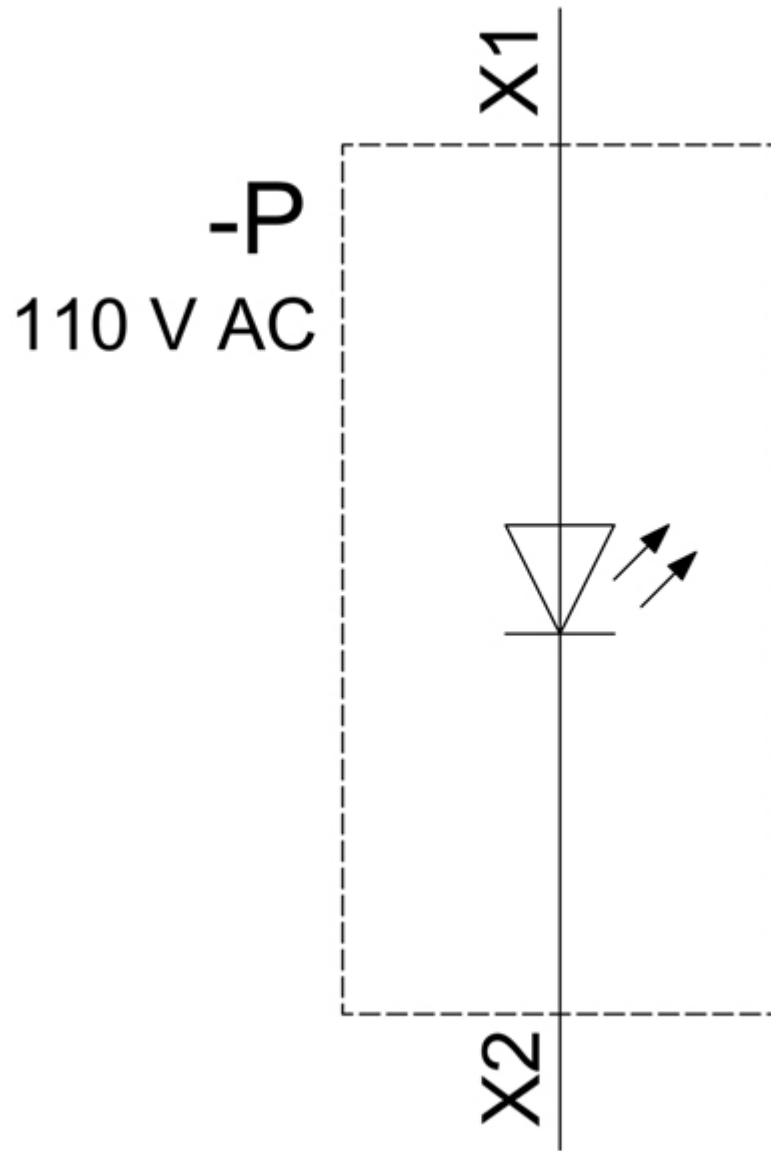
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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





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