

**Siemens
EcoTech**



Indicator lights, 22 mm, round, plastic, red, lens, smooth, with holder, LED module, with integrated LED 24 V AC/DC, spring-type terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)



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	3SU1401-1BB20-3AA0
• of the supplied holder	3SU1550-0AA10-0AA0
• of supplied repeater	3SU1001-6AA20-0AA0
Enclosure	
number of command points	1
Actuator	
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 or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)
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)
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
• for railway applications according to EN 61373	Category 1, Class B

vibration resistance			
• according to IEC 60068-2-6 • for railway applications according to EN 61373		10 ... 500 Hz: 5g Category 1, Class B	
reference code according to IEC 81346-2		P	
Substance Prohibitance (Date)		10/01/2014	
SVHC substance name		Lead monoxide (lead oxide) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5	
Weight		0.038 kg	
Supply voltage			
type of voltage of the supply voltage of the light source		AC/DC	
supply voltage of the light source at AC			
• at 50 Hz rated value • at 60 Hz rated value • at 60 Hz rated value		24 V 24 V 24 ... 24 V	
supply voltage of the light source at DC rated value			
• •		24 V 24 ... 24 V	
relative negative tolerance of the supply voltage		30 %	
relative positive tolerance of the supply voltage		25 %	
Control circuit/ Control			
inrush current maximum		2 A	
Connections/ Terminals			
type of electrical connection		other	
• of modules and accessories		Spring-type terminal	
type of connectable conductor cross-sections			
• solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables		2x (0.25 ... 1.5 mm²) 2x (0.25 ... 0.75 mm²) 2x (0.25 ... 1.5 mm²) 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		red	
light intensity		450 ... 1 120 mcd	
Ambient conditions			
ambient temperature			
• during operation • during storage		-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)	
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	Maritime application



[Type Test Certificates/Test Report](#)



Maritime application



other

[Confirmation](#)



Environment



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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=3SU1102-6AA20-3AA0-Z Y19>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1102-6AA20-3AA0-Z Y19>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA20-3AA0-Z Y19>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1102-6AA20-3AA0-Z Y19&lang=en



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