



Indicator light, in illuminated pushbutton design, 22 mm, round, plastic with metal front ring, red, with holder, LED module, with integrated LED 24 V AC/DC, Spring-type terminal

product brand name	SIRIUS ACT
product designation	Indicator lights
design of the product	Complete unit
product type designation	3SU1
product line	Plastic with metal front ring, matt, 22 mm
manufacturer's article number	
• of supplied LED module	3SU1401-1BB20-3AA0
• of the supplied holder	3SU1550-0AA10-0AA0
number of command points	1
Actuator	
design of the actuating element	Illuminated pushbutton design
principle of operation of the actuating element	Fixed key
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
number of contact modules	0
Front ring	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	Metal, matt
color of the front ring	sand gray
Holder	
material of the holder	Plastic
Display	
number of LED modules	1
General technical data	
product function positive opening	No
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	<ul style="list-style-type: none"> • 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		S
Substance Prohibitance (Date)		10/01/2014
Power Electronics		
contact reliability		One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Supply voltage		
type of voltage of the supply voltage of the light source		AC/DC
supply voltage of the light source at AC		
<ul style="list-style-type: none"> • at 50 Hz rated value • at 60 Hz rated value 		24 V 24 V
supply voltage 1 of the light source at DC rated value		24 V
Control circuit/ Control		
inrush current of LED module maximum		2 A
Auxiliary circuit		
design of the contact of auxiliary contacts		Silver alloy
Connections/ Terminals		
type of electrical connection		spring-loaded terminals
<ul style="list-style-type: none"> • of modules and accessories 		Spring-type terminal
type of connectable conductor cross-sections		
<ul style="list-style-type: none"> • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables 		2x (0.25 ... 1.5 mm ²) 2x (0.25 ... 0.75 mm ²) 2x (0.25 ... 1.5 mm ²) 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		900 ... 1 400 mcd
Ambient conditions		
ambient temperature		
<ul style="list-style-type: none"> • during operation • during storage 		-25 ... +70 °C -40 ... +80 °C
environmental category during operation according to IEC 60721		3M6, 3S2, 3B2, 3C3, 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 plate 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 mm
installation width		29.5 mm
installation depth		49.7 mm
Certificates/ approvals		
General Product Approval		Declaration of Conformity



[Confirmation](#)



EG-Konf.

Test Certificates

Marine / Shipping

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping

other



[Confirmation](#)

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?mfb=3SU1132-0AD20-3AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1132-0AD20-3AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1132-0AD20-3AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1132-0AD20-3AA0&lang=en

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