



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

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	Indicator lights
<b>design of the product</b>	Complete unit
<b>product type designation</b>	3SU1
<b>product line</b>	Plastic with metal front ring, matt, 22 mm
<b>manufacturer's article number</b>	
• of supplied LED module	<a href="#">3SU1401-1BB20-3AA0</a>
• of the supplied holder	<a href="#">3SU1550-0AA10-0AA0</a>
<b>number of command points</b>	1
<b>Actuator</b>	
<b>design of the actuating element</b>	Illuminated pushbutton design
<b>principle of operation of the actuating element</b>	Fixed key
<b>product extension optional light source</b>	Yes
<b>color of the actuating element</b>	red
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>outer diameter of the actuating element</b>	29.45 mm
<b>number of contact modules</b>	0
<b>Front ring</b>	
<b>product component front ring</b>	Yes
<b>design of the front ring</b>	Standard
<b>material of the front ring</b>	Metal, matt
<b>color of the front ring</b>	sand gray
<b>Holder</b>	
<b>material of the holder</b>	Plastic
<b>Display</b>	
<b>number of LED modules</b>	1
<b>General technical data</b>	
<b>product function positive opening</b>	No
<b>product component light source</b>	Yes
<b>insulation voltage rated value</b>	320 V
<b>degree of pollution</b>	3
<b>surge voltage resistance rated value</b>	4 kV
<b>protection class IP</b>	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
<b>degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12, 13
<b>shock resistance</b>	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B

<b>vibration resistance</b>	<ul style="list-style-type: none"> <li>• according to IEC 60068-2-6</li> <li>• for railway applications according to EN 61373</li> </ul>	10 ... 500 Hz: 5g Category 1, Class B
<b>reference code according to IEC 81346-2</b>		S
<b>Substance Prohibitance (Date)</b>		10/01/2014
<b>Power Electronics</b>		
<b>contact reliability</b>		One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
<b>Supply voltage</b>		
<b>type of voltage of the supply voltage of the light source</b>		AC/DC
<b>supply voltage of the light source at AC</b>		
<ul style="list-style-type: none"> <li>• at 50 Hz rated value</li> <li>• at 60 Hz rated value</li> </ul>		24 V 24 V
<b>supply voltage 1 of the light source at DC rated value</b>		24 V
<b>Control circuit/ Control</b>		
<b>inrush current of LED module maximum</b>		2 A
<b>Auxiliary circuit</b>		
<b>design of the contact of auxiliary contacts</b>		Silver alloy
<b>Connections/ Terminals</b>		
<b>type of electrical connection</b>		spring-loaded terminals
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>		Spring-type terminal
<b>type of connectable conductor cross-sections</b>		
<ul style="list-style-type: none"> <li>• solid without core end processing</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> <li>• at AWG cables</li> </ul>		2x (0.25 ... 1.5 mm <sup>2</sup> ) 2x (0.25 ... 0.75 mm <sup>2</sup> ) 2x (0.25 ... 1.5 mm <sup>2</sup> ) 2x (24 ... 16)
<b>tightening torque of the screws in the bracket</b>		1 ... 1.2 N·m
<b>Lamp</b>		
<b>type of light source</b>		LED
<b>color of the light source</b>		red
<b>light intensity</b>		900 ... 1 400 mcd
<b>Ambient conditions</b>		
<b>ambient temperature</b>		
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>		-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)
<b>Installation/ mounting/ dimensions</b>		
<b>fastening method</b>		front plate mounting
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>		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 mm
<b>installation width</b>		29.5 mm
<b>installation depth</b>		49.7 mm
<b>Certificates/ approvals</b>		
<b>General Product Approval</b>		<b>Declaration of Conformity</b>



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

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