



Illuminated pushbutton, 22 mm, round, plastic, green, pushbutton, flat, momentary contact type, with holder, 1 NO, LED module with integrated LED 24 V AC/DC, screw terminal

**product brand name**  
**product designation**  
**design of the product**  
**product type designation**  
**product line**  
**manufacturer's article number**  
 • of supplied contact module at position 1  
 • of supplied LED module  
 • of the supplied holder  
 • of the supplied actuator  
**number of command points**

**SIRIUS ACT**  
 Illuminated pushbuttons  
 Complete unit  
 3SU1  
 Plastic, black, 22 mm  
  
[3SU1400-1AA10-1BA0](#)  
[3SU1401-1BB40-1AA0](#)  
[3SU1550-0AA10-0AA0](#)  
[3SU1001-0AB40-0AA0](#)

1

### Actuator

**design of the actuating element**  
**principle of operation of the actuating element**  
 product extension optional light source  
**color of the actuating element**  
**material of the actuating element**  
**shape of the actuating element**  
**outer diameter of the actuating element**  
**number of contact modules**

Button, flat  
 momentary contact type  
 Yes  
 green  
 plastic  
 round  
 29.45 mm  
 1

### Front ring

**product component front ring**  
**design of the front ring**  
**material of the front ring**  
**color of the front ring**

Yes  
 Standard  
 plastic  
 black

### Holder

**material of the holder**

Plastic

### Display

**number of LED modules**

1

### General technical data

product function positive opening  
 product component light source  
**insulation voltage rated value**  
**degree of pollution**  
 type of voltage of the operating voltage  
**surge voltage resistance rated value**  
**protection class IP**  
 • of the terminal  
**degree of protection NEMA rating**  
**shock resistance**  
 • according to IEC 60068-2-27

No  
 Yes  
 320 V  
 3  
 AC/DC  
 4 kV  
 IP66, IP67, IP69(IP69K)  
 IP20  
 1, 2, 3, 3R, 4, 4X, 12, 13  
  
 sinusoidal half-wave 15g / 11 ms

• for railway applications according to EN 61373	Category 1, Class B
<b>vibration resistance</b>	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
<b>operating frequency maximum</b>	3 600 1/h
<b>mechanical service life (operating cycles) typical</b>	3 000 000
electrical endurance (operating cycles) typical	10 000 000
<b>thermal current</b>	10 A
<b>reference code according to IEC 81346-2</b>	S
<b>continuous current of the C characteristic MCB</b>	10 A; for a short-circuit current smaller than 400 A
<b>continuous current of the quick DIAZED fuse link</b>	10 A
<b>continuous current of the DIAZED fuse link gG</b>	10 A
<b>Substance Prohibition (Date)</b>	10/01/2014
<b>operating voltage</b>	
• at AC	5 ... 500 V
— at 50 Hz rated value	5 ... 500 V
— at 60 Hz rated value	5 ... 500 V
• at DC rated value	5 ... 500 V
<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>	
type of voltage of the supply voltage of the light source	AC/DC
<b>supply voltage of the light source at AC</b>	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
supply voltage 1 of the light source at DC rated value	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>number of NC contacts for auxiliary contacts</b>	0
<b>number of NO contacts for auxiliary contacts</b>	1
<b>Connections/ Terminals</b>	
<b>type of electrical connection</b>	screw-type terminals
• of modules and accessories	Screw-type terminal
<b>type of connectable conductor cross-sections</b>	
• solid with core end processing	2x (0.5 ... 0.75 mm <sup>2</sup> )
• solid without core end processing	2x (1.0 ... 1.5 mm <sup>2</sup> )
• finely stranded with core end processing	2x (0.5 ... 1.5 mm <sup>2</sup> )
• finely stranded without core end processing	2x (1.0 ... 1.5 mm <sup>2</sup> )
• at AWG cables	2x (18 ... 14)
<b>tightening torque of the screws in the bracket</b>	1 ... 1.2 N·m
tightening torque with screw-type terminals	0.8 ... 0.9 N·m
<b>Lamp</b>	
<b>type of light source</b>	LED
<b>color of the light source</b>	green
<b>light intensity</b>	900 ... 1 800 mcd
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• 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)
<b>Installation/ mounting/ dimensions</b>	
<b>fastening method</b>	front plate mounting
• of modules and accessories	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

mounting height	11 mm
installation width	29.5 mm
installation depth	49.7 mm

#### Certificates/ approvals

General Product Approval

Declaration of Conformity



[Confirmation](#)



Declaration of Conformity

Test Certificates

Marine / Shipping



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping

other

Environment



[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

Siemens has decided to exit the Russian market (see [here](#)).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1102-0AB40-1BA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1102-0AB40-1BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-0AB40-1BA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1102-0AB40-1BA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1102-0AB40-1BA0&lang=en)



