3SU1103-0AB40-1FA0

## **Data sheet**



Illuminated pushbutton, 22 mm, round, plastic, green, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 110 V AC, screw terminal

product brand name	SIRIUS ACT
product designation	Illuminated pushbuttons
design of the product	Complete unit
product type designation	3SU1
product line	Plastic, black, 22 mm
manufacturer's article number	
<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-1FA0
<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BC40-1AA0
<ul> <li>of the supplied holder</li> </ul>	3SU1500-0AA10-0AA0
<ul> <li>of the supplied actuator</li> </ul>	3SU1001-0AB40-0AA0
number of command points	1
Actuator	
design of the actuating element	Button, flat
principle of operation of the actuating element	momentary contact type
product extension optional light source	Yes
color of the actuating element	green
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	1
Front ring	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	plastic
color of the front ring	black
Holder	
material of the holder	Plastic
Display	
number of LED modules	1
General technical data	
product function positive opening	Yes
product component light source	Yes
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	4 kV
protection class IP	IP66, IP67, IP69(IP69K)

of the terminal	IP20, clamping screw tightened
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
<ul> <li>for railway applications acc. to DIN EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
• acc. to IEC 60068-2-6	10 500 Hz: 5g
for railway applications acc. to DIN EN 61373	Category 1, Class B
operating frequency maximum	3 600 1/h
mechanical service life (switching cycles) typical	3 000 000
electrical endurance (switching cycles) typical	10 000 000
thermal current	10 A
reference code acc. to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
operating voltage at AC	
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value	5 500 V
operating voltage at DC rated value	5 500 V
Power Electronics	000 V
	On a state of the
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Supply voltage	111111011 (0 v, 1 11111)
type of voltage of the supply voltage of the light source	AC
	·
<ul> <li>supply voltage 1 of the light source at AC at 50 Hz rated value</li> </ul>	110 V
<ul> <li>supply voltage 1 of the light source at AC at 60 Hz rated value</li> </ul>	110 V
Control circuit/ Control	
Control circuit/ Control inrush current of LED module maximum	3 A
	3 A
inrush current of LED module maximum	3 A Silver alloy
inrush current of LED module maximum  Auxiliary circuit	
inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts	Silver alloy
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inrush current of LED module maximum  Auxiliary circuit  design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection of modules and accessories type of connectable conductor cross-sections  • solid with core end processing	Silver alloy  1  1  Screw-type terminal  2x (0.5 0.75 mm²)
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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	71.7 mm

Certificates/ approvals

**General Product Approval** 

**Declaration of Conformity** 









Miscellaneous



**Test Certificates** 

Marine / Shipping

Special Test Certificate

Type Test
Certificates/Test
Report









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?mlfb=3SU1103-0AB40-1FA0

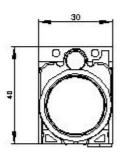
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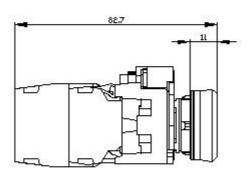
 $\underline{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1103-0AB40-1FA0}$ 

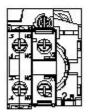
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

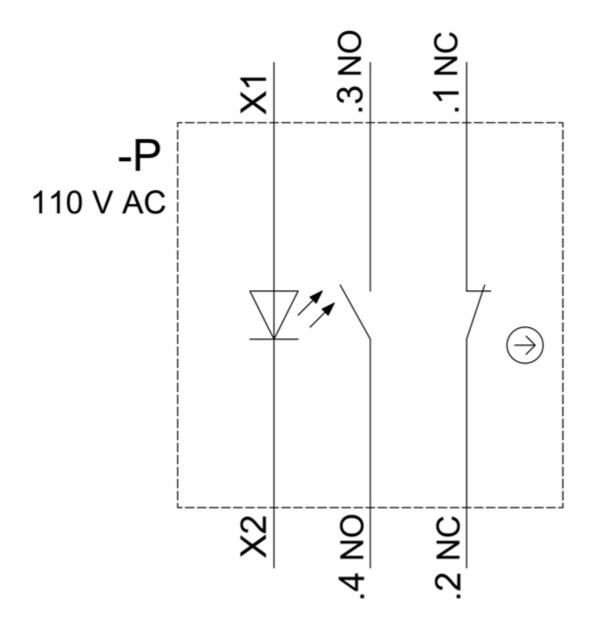
https://support.industry.siemens.com/cs/ww/en/ps/3SU1103-0AB40-1FA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1103-0AB40-1FA0&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1103-0AB40-1FA0&lang=en</a>









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