



Illuminated pushbutton, 22 mm, round, plastic, white, pushbutton, flat, momentary contact type, with holder, 1 NO, LED module with integrated LED 110 V AC, Spring-type 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

[3SU1400-1AA10-3BA0](#)
[3SU1401-1BC60-3AA0](#)
[3SU1550-0AA10-0AA0](#)
[3SU1001-0AB60-0AA0](#)

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 white
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 No
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
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
operating frequency maximum	3 600 1/h
mechanical service life (operating cycles) typical	3 000 000
electrical endurance (operating cycles) typical	10 000 000
thermal current	10 A
reference code according 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
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value	5 ... 500 V 5 ... 500 V 5 ... 500 V
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
supply voltage of the light source at AC	
• at 50 Hz rated value • at 60 Hz rated value	110 V 110 V
Control circuit/ Control	
inrush current of LED module maximum	3 A
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	1
Connections/ Terminals	
type of electrical connection	spring-loaded terminals
• 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 • 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	white
light intensity	900 ... 1 400 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)
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 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				
		Environmental Confirmations	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=3SU1103-0AB60-3BA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1103-0AB60-3BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1103-0AB60-3BA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1103-0AB60-3BA0&lang=en



