



Illuminated pushbutton, 22 mm, round, plastic, blue, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 230 V AC, spring-type terminal, with laser labeling, lower case

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

[3SU1400-1AA10-3FA0](#)

[3SU1401-1BF50-3AA0](#)

[3SU1550-0AA10-0AA0](#)

[3SU1001-0AB50-0AA0](#)

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

marking of the actuating element

number of contact modules

Button, flat

momentary contact type

Yes

blue

plastic

round

29.45 mm

Customized labeling, text in lower case letters

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 resistance rated value

protection class IP

- of the terminal

degree of protection NEMA rating

shock resistance

Yes

Yes

320 V

3

AC/DC

4 kV

IP66, IP67, IP69(IP69K)

IP20

1, 2, 3, 3R, 4, 4X, 12, 13

<ul style="list-style-type: none"> • according to IEC 60068-2-27 • for railway applications according to EN 61373 	sinusoidal half-wave 15g / 11 ms 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
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	
<ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — 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	
<ul style="list-style-type: none"> • at 50 Hz rated value • at 60 Hz rated value 	230 V 230 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	1
number of NO contacts for auxiliary contacts	1
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	blue
light intensity	280 ... 710 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, 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

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=3SU1106-0AB50-3FA0-Z Y12>

Cax online generator

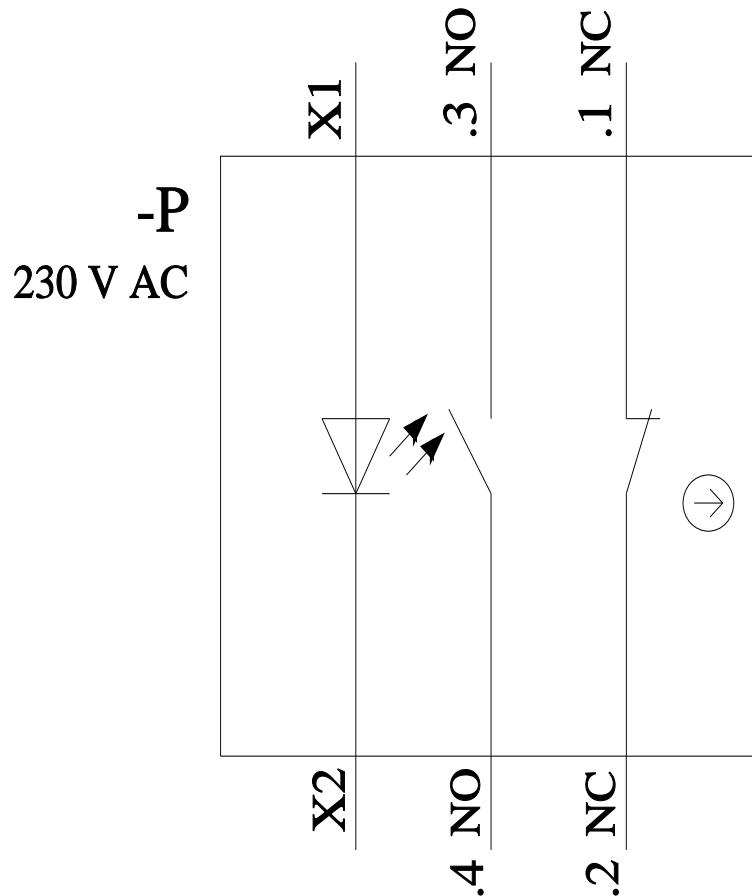
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1106-0AB50-3FA0-Z Y12>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-0AB50-3FA0-Z Y12>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1106-0AB50-3FA0-Z Y12&lang=en



last modified:

1/26/2022