



Illuminated pushbutton, 22 mm, round, plastic, clear, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 230 V AC, screw terminal, with laser labeling, upper case and lower case, Always upper case at the beginning of the word

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

[3SU1400-1AA10-1FA0](#)
[3SU1401-1BF60-1AA0](#)
[3SU1550-0AA10-0AA0](#)
[3SU1001-0AB70-0AA0](#)

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

Button, flat
 momentary contact type
 Yes
 clear
 plastic
 round
 29.45 mm

Customized labeling, text in lower case / capital letters, all words start with capital letters

number of contact modules

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

Yes
 Yes
 320 V
 3
 AC/DC
 4 kV
 IP66, IP67, IP69(IP69K)
 IP20, clamping screw tightened
 1, 2, 3, 3R, 4, 4X, 12, 13

shock resistance	
• 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	
• 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	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	screw-type terminals
• of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	
• solid with core end processing • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables	2x (0.5 ... 0.75 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (18 ... 14)
tightening torque of the screws in the bracket	1 ... 1.2 N·m
tightening torque with screw-type terminals	0.8 ... 0.9 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
 mounting height
 installation width
 installation depth

0.4 mm
 11 mm
 29.5 mm
 71.7 mm

Certificates/ approvals

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=3SU1106-0AB70-1FA0-Z Y15>

Cax online generator

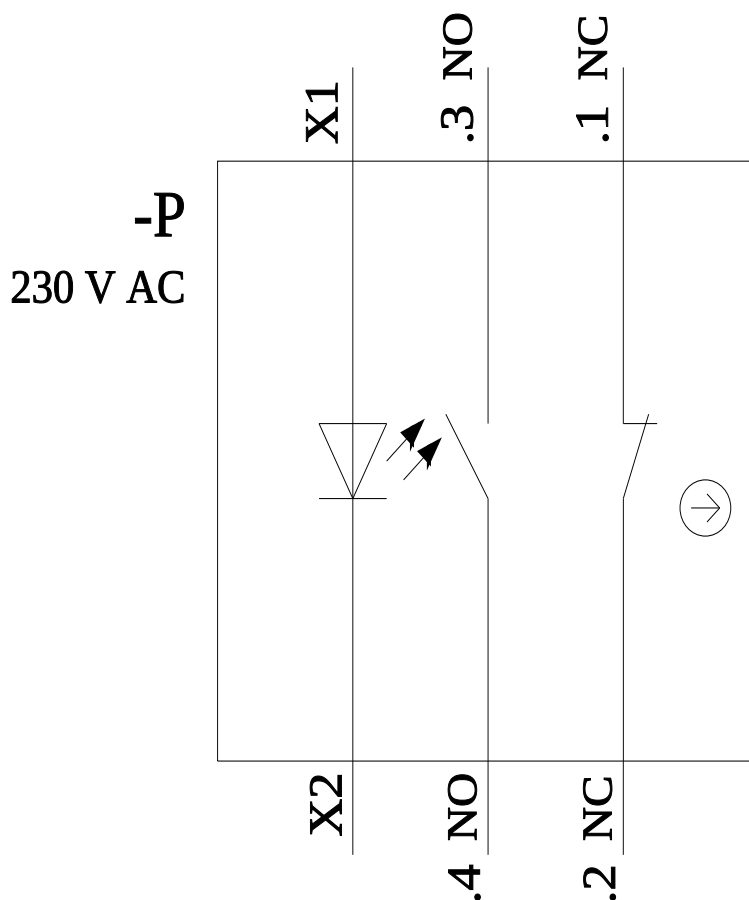
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1106-0AB70-1FA0-Z Y15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-0AB70-1FA0-Z Y15>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1106-0AB70-1FA0-Z Y15&lang=en



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