

ILLUMINATED PUSHBUTTON, 22MM, ROUND, METAL, SHINY, BLUE, FLAT BUTTON, MOMENTARY CONTACT TYPE, WITH HOLDER, 1NO, LED MODULE, WITH INTEGRATED LED 24V AC/DC, SCREW TERMINAL



Figure similar

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Pushbutton
Manufacturer's article number	
<ul style="list-style-type: none"> • of supplied contact module • of supplied LED module • of the supplied holder • of the supplied actuator 	3SU1400-1AA10-1BA0 3SU1401-1BB50-1AA0 3SU1550-0AA10-0AA0 3SU1051-0AB50-0AA0

Actuator:	
Design of the operating mechanism	illuminated pushbutton with flat button
Manner of function of the actuating element	Momentary contact type
Product extension optional Light source	Yes
Color	
<ul style="list-style-type: none"> • of the actuating element 	Blue
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
Type of unlocking device	without
Front ring:	
Product component front ring	Yes
Design of the front ring	Standard
Material of the front ring	Metal, high gloss
Color of the front ring	silver
Holder:	
Material of the holder	Metal
Display:	
Number of LED modules	1
Light intensity	500 mcd
Light intensity	280 ... 710 mcd
General technical data:	
Product function	
• positive opening	No
Product component	
• Light source	Yes
Insulation voltage	
• rated value	320 V
Degree of pollution	3
Surge voltage resistance rated value	4 kV
Protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
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
Equipment marking	
• acc. to DIN EN 61346-2	P
• acc. to DIN EN 81346-2	P
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

Main circuit:**Operating voltage**

- at AC
 - at 50 Hz rated value 5 ... 500 V
 - at 60 Hz rated value 5 ... 500 V
- at DC
 - rated value 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:**Supply voltage 1 of the light source at AC**

- 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

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

Number of CO contacts

- for auxiliary contacts 0

Connections/ Terminals:**Type of electrical connection**

- of modules and accessories Screw-type terminal

Type of connectable conductor cross-sections

- solid with core end processing 2x (0.5 ... 0.75 mm²)
- solid without core end processing 2x (1.0 ... 1.5 mm²)
- finely stranded with core end processing 2x (0.5 ... 1.5 mm²)
- finely stranded without core end processing 2x (1.0 ... 1.5 mm²)
- at AWG conductors 2x (18 ... 14)

Connectable conductor cross-section

- finely stranded with core end processing 0.5 ... 1.5 mm²

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	blue
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Ambient conditions:

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage 	<p>-25 ... +70 °C</p> <p>-40 ... +80 °C</p>
Environmental category during operation acc. 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:

Mounting type	front 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
Installation depth	49.7 mm

Certificates/approvals

General Product Approval		Declaration of Conformity	Test Certificates
			
CCC	CSA	UL	EG-Konf.
			
			Werksbescheinigung gen
Test Certificates	Shipping Approval	other	
spezielle Prüfbescheinigung n			
	ABS	PRS	RMRS
			Bestätigungen

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

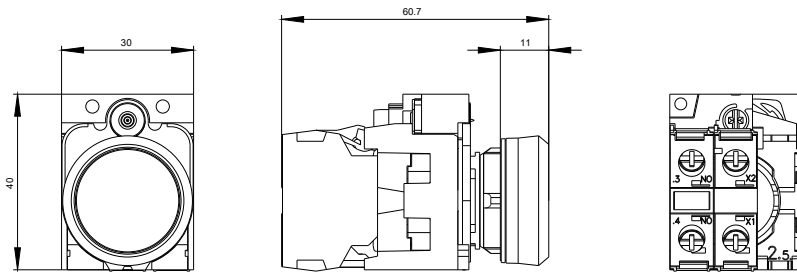
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1152-0AB50-1BA0>

Cax online generator

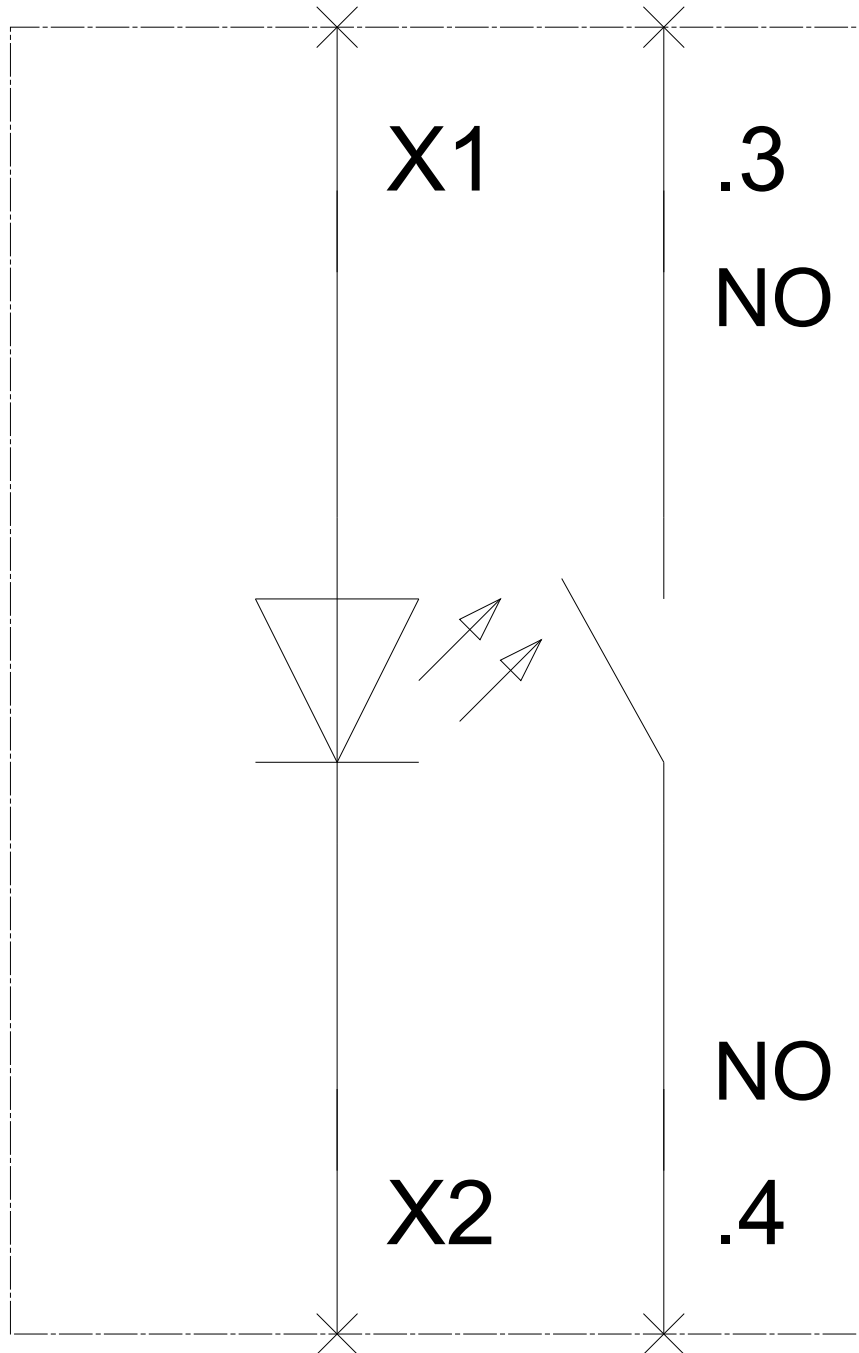
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1152-0AB50-1BA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1152-0AB50-1BA0>



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24 V AC/DC



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