



ILLUMINATED PUSHBUTTON, 22MM, ROUND, PLASTIC, CLEAR, 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 article number	
<ul style="list-style-type: none"> <li>• of supplied contact module</li> <li>• of supplied LED module</li> <li>• of the supplied holder</li> <li>• of the supplied actuator</li> </ul>	<a href="#">3SU1400-1AA10-1BA0</a> <a href="#">3SU1401-1BB60-1AA0</a> <a href="#">3SU1500-0AA10-0AA0</a> <a href="#">3SU1002-0AB70-0AA0</a>

Actuator:	
Design of the operating mechanism	illuminated pushbutton with flat button
Manner of function of the actuating element	Momentary contact type
Product expansion optional Light source	Yes
Color	
<ul style="list-style-type: none"> <li>• of the actuating element</li> </ul>	Clear
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	plastic
Color of the front ring	black

<b>Holder:</b>	
<b>Material of the holder</b>	Plastic
<b>Display:</b>	
<b>Number of LED modules</b>	1
<b>General technical data:</b>	
<b>Product function</b>	
• positive opening	No
<b>Product component</b>	
• Light source	Yes
<b>Insulation voltage</b>	
• Rated value	320 V
<b>Degree of pollution</b>	3
<b>Shock resistance</b>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
<b>Surge voltage resistance Rated value</b>	4 kV
<b>Operating frequency maximum</b>	3 600 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	3 000 000
<b>Electrical endurance (switching cycles)</b>	
• typical	10 000 000
<b>Thermal current</b>	10 A
<b>Protection class IP</b>	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
<b>Equipment marking</b>	
• acc. to DIN EN 61346-2	P
• acc. to DIN EN 81346-2	P
<b>Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required</b>	gG / Dz 10 A, quick-acting / Dz 10 A
<b>Continuous current of the C characteristic MCB</b>	10 A
<b>Operating voltage</b>	
• with AC	
— at 50 Hz Rated value	5 ... 500 V
— at 60 Hz Rated value	5 ... 500 V
• for DC Rated value	
— maximum	500 V
— minimum	5 V
<b>Power Electronics:</b>	
<b>Contact reliability</b>	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)

Supply voltage:	
<b>Supply voltage 1 of the light source with AC</b>	
• at 50 Hz Rated value	24 V
• at 60 Hz Rated value	24 V
<b>Supply voltage 1 of the light source for DC</b>	
• Rated value	24 V
Auxiliary circuit:	
<b>Number of NC contacts</b>	
• for auxiliary contacts	0
<b>Number of NO contacts</b>	
• for auxiliary contacts	1
<b>Number of CO contacts</b>	
• for auxiliary contacts	0
<b>Design of the contact of the auxiliary contacts</b>	Silver alloy
Connections/ Terminals:	
<b>Type of electrical connection</b>	
• of modules and accessories	Screw-type terminal
<b>Type of connectable conductor cross-section</b>	
• solid with core end processing	2x (0.5 ... 0.75 mm <sup>2</sup> )
• solid without core end processing	2x (1.0 ... 1.5 mm <sup>2</sup> )
• finely stranded with core end processing	2x (0.5 ... 1.5 mm <sup>2</sup> )
• finely stranded without core end processing	2x (1,0 ... 1,5 mm <sup>2</sup> )
• for AWG conductors	2x (18 ... 14)
<b>Tightening torque</b>	
• with screw-type terminals	0.8 ... 0.9 N·m
Lamp:	
<b>Type of light source</b>	LED
<b>Color of the light source</b>	white
Ambient conditions:	
<b>Ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Installation/ mounting/ dimensions:	
<b>Mounting type</b>	front mounting
• of modules and accessories	Front plate mounting
<b>Height</b>	40 mm
<b>Width</b>	30 mm
<b>Shape of the installation opening</b>	round
<b>Mounting diameter</b>	22 mm

Certificates/ approvals:

Further information

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**Cax online generator**

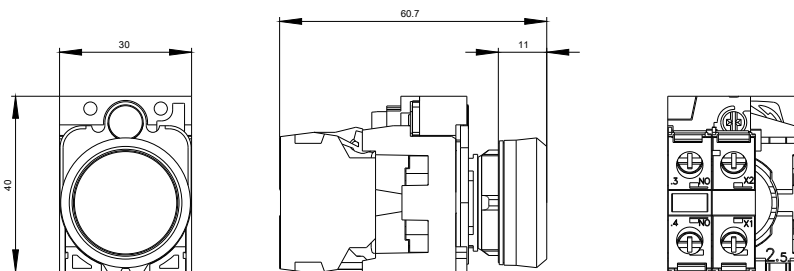
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**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

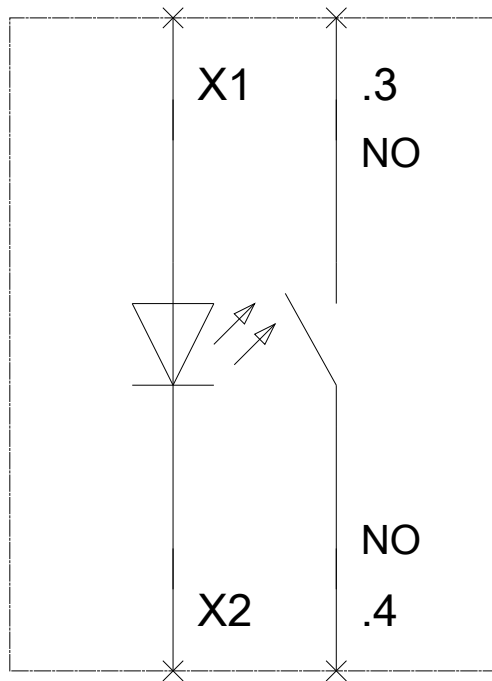
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**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU11020AB701BA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU11020AB701BA0&lang=en)



-P  
24 V AC/DC



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