## 3SU1100-0AB70-1BA0

**Data sheet** 



Pushbutton, 22 mm, round, plastic, clear, pushbutton, flat, momentary contact type, with holder 1 NO, screw terminal  $\,$ 

and diet brand name	CIDILIC ACT
product brand name	SIRIUS ACT
product designation	Pushbuttons
design of the product	Complete unit
product type designation	3SU1
product line	Plastic, black, 22 mm
manufacturer's article number	
<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-1BA0</u>
<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>
of the supplied actuator	3SU1000-0AB70-0AA0
number of command points	1
Actuator	
design of the actuating element	Button, flat
principle of operation of the actuating element	momentary contact type
product extension optional light source	No
color of the actuating element	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
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	0
General technical data	
product function positive opening	No
product component light source	No
insulation voltage rated value	500 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 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
	•

shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation depth	round 22.3 mm 0.4 mm 11 mm 29.5 mm 49.7 mm
mounting diameter positive tolerance of installation diameter mounting height	22.3 mm 0.4 mm 11 mm
mounting diameter positive tolerance of installation diameter	22.3 mm 0.4 mm
mounting diameter	22.3 mm
shape of the installation opening	round
widul	
height width	40 mm 30 mm
of modules and accessories	Front plate mounting
fastening method	front plate mounting
Installation/ mounting/ dimensions	front plate mounting
global warming potential [CO2 eq] after end of life	-0.015 kg
Global Warming Potential [CO2 eq] during operation	0.235 kg
Global Warming Potential [CO2 eq] during manufacturing	0.566 kg
Global Warming Potential [CO2 eq] total	0.787 kg
Environmental Product Declaration(EPD)	Yes
Environmental footprint	
60721	condensation in operation permitted for all devices behind front panel)
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
<ul><li>during operation</li><li>during storage</li></ul>	-25 +70 °C -40 +80 °C
ambient temperature	-25 +70 °C
Ambient conditions	
tightening torque with screw-type terminals	0.8 0.9 N·m
tightening torque of the screws in the bracket	1 1.2 N·m
• for AWG cables	2x (18 14)
finely stranded without core end processing	2x (1,0 1,5 mm²)
• finely stranded with core end processing	2x (0.5 1.5 mm²)
<ul> <li>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)
solid with core end processing	2x (0.5 0.75 mm²)
type of connectable conductor cross-sections	
of modules and accessories	Screw-type terminal
type of electrical connection	screw-type terminals
Connections/ Terminals	
number of NO contacts for auxiliary contacts	1
number of NC contacts for auxiliary contacts	0
design of the contact of auxiliary contacts	Silver alloy
Auxiliary circuit	
	(5 V, 1 mA)
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
Power Electronics	0 000 V
<ul> <li>at 60 Hz rated value</li> <li>at DC rated value</li> </ul>	5 500 V
— at 50 Hz rated value	5 500 V 5 500 V
• at AC	5 500 V
operating voltage	
Substance Prohibitance (Date)	10/01/2014
continuous current of the DIAZED fuse link gG	10 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
reference code according to IEC 81346-2	S
thermal current	10 A
electrical endurance (operating cycles) typical	10 000 000
mechanical service life (operating cycles) typical	10 000 000
operating frequency maximum	3 600 1/h
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B



Confirmation









Declaration of Conformity

**Test Certificates** 

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other

Environment



Confirmation

Environmental Confirmations

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3SU1100-0AB70-1BA0

Cax online generator

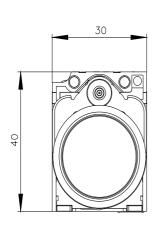
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1100-0AB70-1BA0}$ 

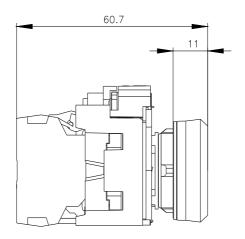
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

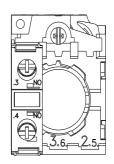
https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB70-1BA0

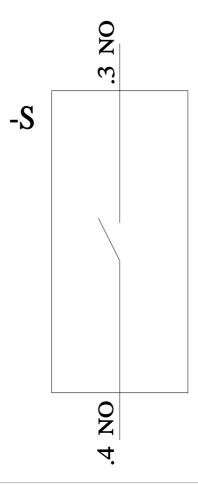
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1100-0AB70-1BA0&lang=en









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