3SU1100-0AB50-1BA0

## **Data sheet**



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

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>	3SU1400-1AA10-1BA0	
<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0	
of the supplied actuator	3SU1000-0AB50-0AA0	
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	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	
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		

a consisting to IEC 60069 2 27	sinussidal half ways 15g / 11 mg		
<ul> <li>according to IEC 60068-2-27</li> <li>for railway applications according to EN 61373</li> </ul>	sinusoidal half-wave 15g / 11 ms Category 1, Class B		
vibration resistance	Category 1, Class B		
	10 500 47: 50		
according to IEC 60068-2-6      for reflections according to EN 64373	10 500 Hz: 5g		
for railway applications according to EN 61373	Category 1, Class B		
operating frequency maximum	3 600 1/h		
mechanical service life (switching cycles) typical	10 000 000		
electrical endurance (switching 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	5 500 1/		
— 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)		
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		
Connections/ Terminals			
type of electrical connection	screw-type terminals		
<ul> <li>of modules and accessories</li> </ul>	Screw-type terminal		
type of connectable conductor cross-sections			
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)		
<ul> <li>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)		
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²)		
<ul> <li>finely stranded without core end processing</li> </ul>	2x (1,0 1,5 mm²)		
at AWG cables	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		
Ambient conditions			
ambient temperature			
during operation	-25 +70 °C		
during operation     during storage	-40 +80 °C		
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no		
60721	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	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	





Confirmation





Declaration of Conformity

**Test Certificates** 

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other





Environmental Confirmations Confirmation

## 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=3SU1100-0AB50-1BA0

Cax online generator

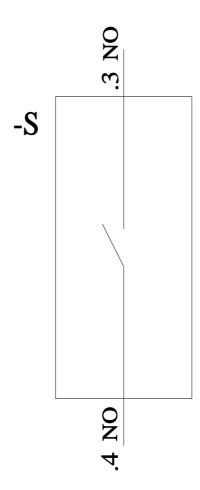
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB50-1BA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB50-1BA0

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1100-0AB50-1BA0&lang=en



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