## SIEMENS

## Data sheet

## 3SU1100-0AB20-3CA0



Pushbutton, 22 mm, round, plastic, red, pushbutton, flat, momentary contact type, with holder 1 NC, Spring-type 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>	<u>3SU1400-1AA10-3CA0</u>		
<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>		
<ul> <li>of the supplied actuator</li> </ul>	<u>3SU1000-0AB20-0AA0</u>		
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	red		
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	Yes		
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			
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms		

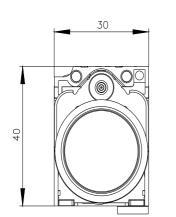
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
operating frequency maximum	3 600 1/h	
mechanical service life (operating cycles) typical	10 000 000	
electrical endurance (operating cycles) typical	10 000 000	
thermal current	10 A	
reference code according to IEC 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	5 500 V	
— at 60 Hz rated value	5 500 V	
at DC rated value	5 500 V	
Power Electronics	5 500 V	_
contact reliability	One maloperation per 100 million (17 V, 5 mA), one male (5 V, 1 mA)	operation per 10 millio
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	0	
Connections/ Terminals		
type of electrical connection	spring-loaded terminals	
<ul> <li>of modules and accessories</li> </ul>	Spring-type terminal	
type of connectable conductor cross-sections		
<ul> <li>solid without core end processing</li> </ul>	2x (0.25 1.5 mm²)	
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.25 0.75 mm <sup>2</sup> )	
<ul> <li>finely stranded without core end processing</li> </ul>	2x (0.25 1.5 mm <sup>2</sup> )	
<ul> <li>for AWG cables</li> </ul>	2x (0.20 16)	
tightening torque of the screws in the bracket	1 1.2 N·m	
Ambient conditions		
ambient temperature	-25 +70 °C	
during operation		
• during storage	-40 +80 °C	05%
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 condensation in operation permitted for all devices behin	
Environmental footprint		
Environmental Product Declaration(EPD)	Yes	
Global Warming Potential [CO2 eq] total	0.787 kg	
Global Warming Potential [CO2 eq] total Global Warming Potential [CO2 eq] during manufacturing	0.767 kg 0.566 kg	
Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation		
	0.235 kg	
global warming potential [CO2 eq] after end of life	-0.015 kg	
nstallation/ mounting/ dimensions	front ploto mounting	
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	
Approvals Certificates		
General Product Approval		Declaration of Cor formity

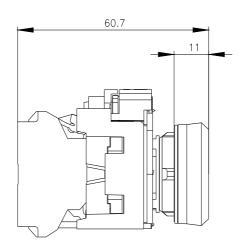
SF.	<u>Confirmation</u>	CCC		EHC	UK CA
Declaration of Con- formity	Test Certificates		Marine / Shipping		
CE EG-Konf.	<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report	ABS	Lloyds Register uxs	PRS
Marine / Shipping	other	Environment			
RINA	<u>Confirmation</u>	Environmental Con- firmations			
Further information					
https://press.siemens.c Siemens is working o Please contact your loc EAC relevant market (c Information on the pa https://support.industry. Information- and Dow https://www.siemens.cc Industry Mall (Online	other than the sanctioned E ckaging .siemens.com/cs/ww/en/vi mloadcenter (Catalogs, E om/ic10	exisemens-wind-down-rus rent EAC certificates. tatus of validity of the EA EAEU member states Rus ew/109813875 Brochures,)	C certification if you intend ssia or Belarus).	to import or offer to supp	bly these products to an

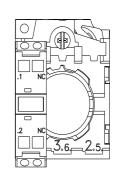
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB20-3CA0

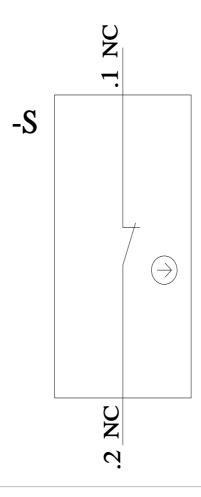
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB20-3CA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1100-0AB20-3CA0&lang=en











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