SIEMENS

Data sheet

3SU1100-0AB10-3FA0



Pushbutton, 22 mm, round, plastic, black, pushbutton, flat, momentary contact type, with holder 1 NO+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			
 of supplied contact module at position 1 	<u>3SU1400-1AA10-3FA0</u>		
of the supplied holder	<u>3SU1550-0AA10-0AA0</u>		
 of the supplied actuator 	<u>3SU1000-0AB10-0AA0</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	black		
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			
 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms		

 for railway applications according to EN 61373 	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		
contact reliability	One maloperation per 100 million (17 V, 5 mA), one malo	operation per 10 millio
Auxiliary circuit	(5 V, 1 mA)	
	Silver allov	
design of the contact of auxiliary contacts	Silver alloy	
number of NC contacts for auxiliary contacts	1	
number of NO contacts for auxiliary contacts Connections/ Terminals		
	opring loaded terminals	
type of electrical connection	spring-loaded terminals	
of modules and accessories	Spring-type terminal	
type of connectable conductor cross-sections		
solid without core end processing	2x (0.25 1.5 mm ²)	
finely stranded with core end processing	2x (0.25 0.75 mm ²)	
finely stranded without core end processing	2x (0.25 1.5 mm ²)	
for AWG cables	2x (24 16)	
tightening torque of the screws in the bracket	1 1.2 N·m	
Ambient conditions		
ambient temperature		
during operation	-25 +70 °C	
during storage	-40 +80 °C	
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] during manufacturing	0.566 kg	
Global Warming Potential [CO2 eq] during manufacturing	0.235 kg	
global warming potential [CO2 eq] after end of life	-0.235 kg	
nstallation/ 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	71.7 mm	
Approvals Certificates		
General Product Approval		Declaration of Cor formity

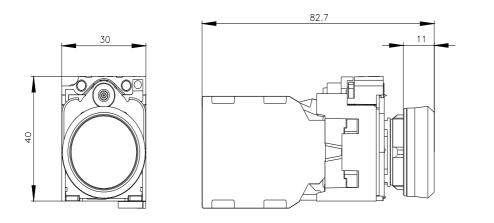
SP CSA		<u>Confirmation</u>		EHC	UK CA			
Declaration of Con- formity	Test Certificates		Marine / Shipping					
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Marine / Shipping	other	Environment						
RINA	<u>Confirmation</u>	Environmental Con- firmations						
Further information	Further information							
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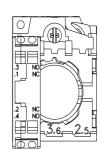
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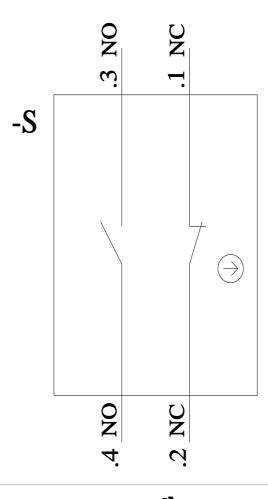
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB10-3FA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB10-3FA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-0AB10-3FA0&lang=en







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