SIEMENS

Data sheet

3SU1100-0AB50-1FA0



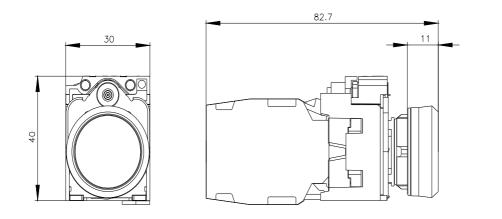
Pushbutton, 22 mm, round, plastic, blue, pushbutton, flat, momentary contact type, with holder 1 NO+1 NC, screw terminal,

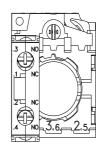
product brand name SIRUS ACT product designation Pushbuttons design of the product Complete unit product line Plastic, black, 22 mm manufacturer's article number SIU1400-1AA10-1FA0 • of supplied contact module at position 1 3SU1500-0AA10-0AA0 • of the supplied holder 3SU1500-0AA10-0AA0 • of the supplied truttor 3SU1000-0A650-0AA0 number of command points 1 Actuator design of the actuating element momentary contact type No codor of the actuating element momentary contact type product extension optional light source No outer diameter of the actuating element plastic shape of the actuating element pustic number of contact modules 1 front ring Yes design of the front ring Yes design of the front ring plastic product function positive opening Yes design of the front ring plastic product component front ring plastic plastic 0 Color of the front ring plastic				
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 3SU1400-0AA10-1EA0 • of the supplied holder 3SU1000-0AA80-0AA00 • of the supplied holder 3SU1000-0AA80-0AA00 • of the supplied holder 3SU1000-0AB80-0AA00 • of the supplied holder Button, flat principle of operation of the actuating element Button, flat principle of operation gelement plastic outer diameter of the actuating element round outer diameter of the actuating element 29.45 mm number of contact modules 1 product component front ring Standard	product brand name	SIRIUS ACT		
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	product line	Plastic, black, 22 mm		
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outer diameter of the actuating element 29.45 mm number of contact modules 1 Front ring Yes product component front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring black Holder Plastic material of the holder Plastic Display 0 General technical data 0 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)	material of the actuating element	plastic		
number of contact modules 1 Front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring black Holder Plastic material of the holder Plastic Display 0 General technical data 0 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)	shape of the actuating element	round		
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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)	number of LED modules	0		
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)	General technical data			
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)	product function positive opening	Yes		
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)	product component light source	No		
type of voltage of the operating voltage AC/DC surge voltage resistance rated value 6 kV protection class IP IP66, IP67, IP69(IP69K)	insulation voltage rated value	500 V		
surge voltage resistance rated value 6 kV protection class IP IP66, IP67, IP69(IP69K)	degree of pollution	3		
protection class IP IP66, IP67, IP69(IP69K)	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, clamping screw tightened	of the terminal	IP20, clamping screw tightened		

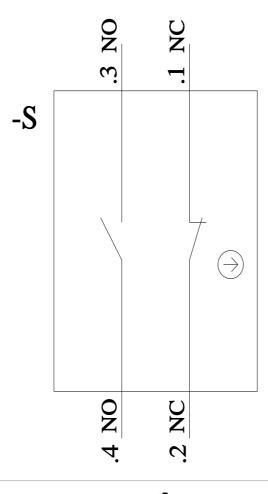
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13			
shock resistance				
 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms			
 for railway applications according to EN 61373 	Category 1, Class B			
vibration resistance				
 according to IEC 60068-2-6 	10 500 Hz: 5g			
 for railway applications according to EN 61373 	Category 1, Class B			
operating frequency maximum	3 600 1/h			
mechanical service life (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 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	1			
number of NO contacts for auxiliary contacts	1			
Connections/ Terminals	·			
type of electrical connection	screw terminal			
of modules and accessories	Screw-type terminal			
type of connectable conductor cross-sections				
 solid with core end processing 	2x (0.5 0.75 mm²)			
 solid without core end processing 	2x (1.0 1.5 mm ²)			
 finely stranded with core end processing 	2x (0.5 1.5 mm ²)			
 finely stranded without core end processing 	2x (1,0 1,5 mm ²)			
• for 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 storage	-40 +80 °C			
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no			
	condensation in operation permitted for all devices behind front panel)			
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 operation	0.235 kg			
Global Warming Potential [CO2 eq] after end of life	-0.015 kg			
Siemens Eco Profile (SEP)	Siemens EcoTech			
Installation/ mounting/ dimensions	front plate mounting			
 fastening method of modules and accessories 	front plate mounting			
	Front plate mounting 40 mm			
height width	40 mm			
	round			
shape of the installation opening	22.3 mm			
positive tolerance of installation diameter	0.4 mm			
mounting height	11 mm			
mounting neight	111000			

installation width		29.5	mm				
installation depth		71.7	mm				
Approvals Certificates							
General Product App	roval						
C C EG-Konf.	UK CA		<u>Confirmation</u>	cULus	EHC		
Test Certificates		Marine / Shipping					
Special Test Certific- ate	Type Test Certific- ates/Test Report	ABS	Lloyds Register us	PRS	RINA		
other	Environment						
<u>Confirmation</u>	EPD	Siemens EcoTech	Environmental Con- firmations				
Further information							
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,)							
	Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1100-0AB50-1FA0						
Cax online generator http://support.automatic	http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB50-1FA0						
	nuals, Certificates, Char siemens.com/cs/ww/en/p	acteristics, FAQs,) s/3SU1100-0AB50-1FA0					

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-0AB50-1FA0&lang=en







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