SIEMENS

Data sheet

3SU1100-0AB40-1FA0



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

product brand name SIRUS ACT product designation Pushbutons design of the product Complete unit product type designation 3SU1 product time Plastic, black, 22 mm manufacturor's article number - • of supplied contact module at position 1 3SU1550-0AA10-0AA0 • of the supplied holder SSU1000-0AS40-0AA0 • of the supplied contact module at position 1 3SU1500-0AS40-0AA0 • of the supplied contact module at position 1 SSU1000-0AS40-0AA0 • of the supplied contact module at position 1 SSU1000-0AS40-0AA0 number of command points 1 Actuator SSU1000-0AS40-0AA0 design of the actuating element Buton, flat principle of operation of the actuating element momentary contact type product extension optional light source No color of the actuating element green number of contact modules 1 number of contact modules 1 number of contact modules 1 product extension aptional light source Isok Standard number of contact modules				
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surge voltage resistance rated value 6 kV protection class IP IP66, IP67, IP69(IP69K)	· · ·	AC/DC		
protection class IP IP66, IP67, IP69(IP69K)		6 kV		
		IP66, IP67, IP69(IP69K)		
Or the terminal IP20, clamping screw tightened	of the terminal	IP20, clamping screw tightened		

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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 AC — at 50 Hz rated value 	5 500 V			
— at 60 Hz rated value				
at bC rated value	5 500 V 5 500 V			
• at DC rated value Power Electronics				
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million			
uot rondonity	(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 mm²)			
 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 Ambient conditions	0.8 0.9 N·m			
ambient temperature	-25 +70 °C			
during operation	-40 +80 °C			
• during storage 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)			
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				
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 11 mm			
mounting height	11 000			

installation width		29.5	mm		
installation depth		71.7	mm		
pprovals Certificates					
General Product Appro	oval			Test Certificates	
<u>Confirmation</u>		cULus	EHC	<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report
Marine / Shipping				other	Environment
ABS	Llovd's Register us	PRS	RINA	<u>Confirmation</u>	EPD
Environment					
Siemens EcoTech	Environmental Con- firmations				
urther information					

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http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-0AB40-1FA0&lang=en

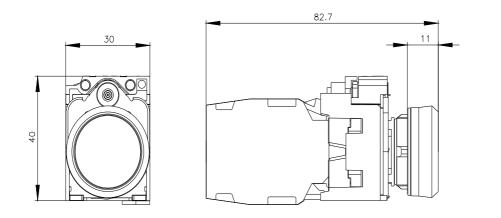
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB40-1FA0

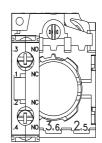
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

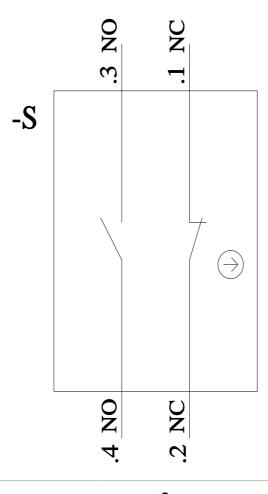
https://www.siemens.com/ic10

Cax online generator

Industry Mall (Online ordering system)







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