SIEMENS

Data sheet

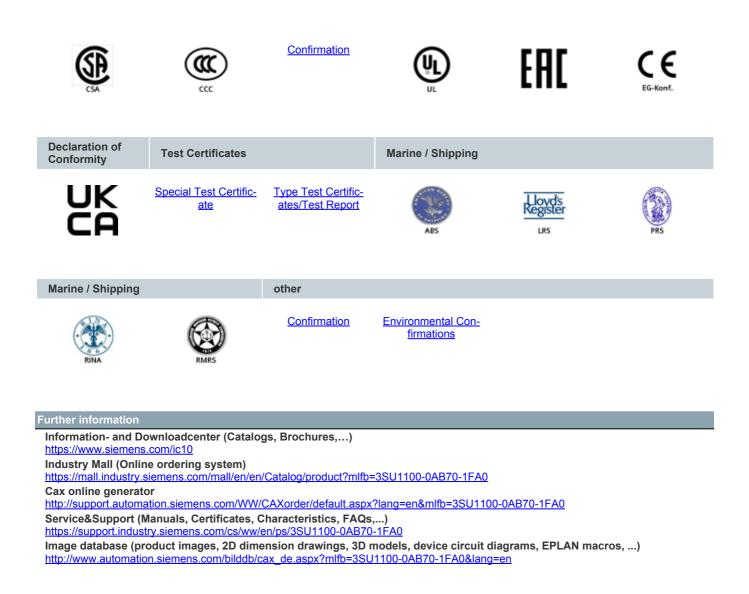
3SU1100-0AB70-1FA0



Pushbutton, 22 mm, round, plastic, clear, pushbutton, flat, momentary contact type, with holder 1 NO+1 NC, 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		
 of supplied contact module at position 1 	<u>3SU1400-1AA10-1FA0</u>	
 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>	
 of the supplied actuator 	<u>3SU1000-0AB70-0AA0</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	clear	
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, 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	Calegory 1, Class B	
according to IEC 60068-2-6		
0	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.)/	
— 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-type terminals	
 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 mm²)	
 finely stranded without core end processing 	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 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	
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	71.7 mm	
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Certificates/ approvals		
General Product Approval		Declaration of Conformity



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