SIEMENS

Data sheet

3SU1100-0AB30-1BA0



Pushbutton, 22 mm, round, plastic, yellow, pushbutton, flat, momentary contact type, with holder 1 NO, 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>3SU1400-1AA10-1BA0</u>		
 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>		
 of the supplied actuator 	<u>3SU1000-0AB30-0AA0</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	yellow		
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	No		
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		

a for rollway applications according to EN 61272	Cotogony 1 Close P	
for railway applications according to EN 61373	Category 1, Class B 3 600 1/h	
operating frequency maximum mechanical service life (operating cycles) typical	10 000 000	
	10 000 000	
electrical endurance (operating cycles) typical thermal current	10 A	
	S	
reference code according to IEC 81346-2 continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A	
	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	10/01/2014	
Substance Prohibitance (Date) operating voltage	10/01/2014	
• at AC		
 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	
		lan antian and 0 million
contact reliability	One maloperation per 100 million (17 V, 5 mA), one ma (5 V, 1 mA)	aloperation per 10 million
Auxiliary circuit		
design of the contact of auxiliary contacts	Silver alloy	
number of NC contacts for auxiliary contacts	0	
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 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 sporatori during storage	-40 +80 °C	
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 2	10 95% no
60721	condensation in operation permitted for all devices beh	
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	
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	49.7 mm	
Approvals Certificates		
		Declaration of Con-

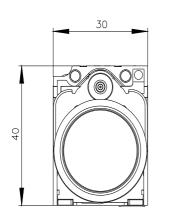
SP SA		<u>Confirmation</u>		EHC	CE EG-Konf.	
Declaration of Con- formity	Test Certificates		Marine / Shipping			
UK CA	Special Test Certific- ate	<u>Type Test Certific-</u> ates/Test Report	ABS	Llovds Register us	PRS	
Marine / Shipping	other	Environment				
RINA	<u>Confirmation</u>	Environmental Con- firmations				
Further information						
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,)						
https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1100-0AB30-1BA0 Cax online generator						

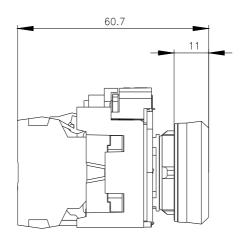
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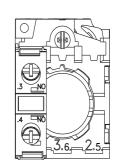
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB30-1BA0

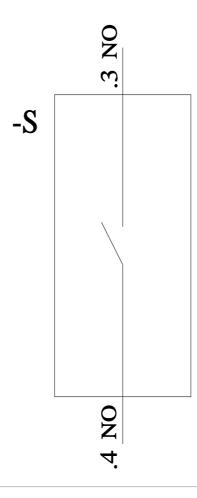
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB30-1BA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-0AB30-1BA0&lang=en











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