SIEMENS

Data sheet



Pushbutton, 22 mm, round, plastic, clear, pushbutton, flat, momentary contact type, with holder 1 NO, screw terminal, with laser labeling, upper case

product brand name S	IRIUS ACT
product designation P	ushbuttons
design of the product C	omplete unit
product type designation 3	SU1
product line P	lastic, black, 22 mm
manufacturer's article number	
• of supplied contact module at position 1	SU1400-1AA10-1BA0
• of the supplied holder 3	SU1550-0AA10-0AA0
• of the supplied actuator 3	SU1000-0AB70-0AA0
number of command points 1	
Actuator	
design of the actuating element B	utton, flat
principle of operation of the actuating element	nomentary contact type
product extension optional light source N	0
color of the actuating element cl	ear
material of the actuating element p	lastic
shape of the actuating element ro	ound
outer diameter of the actuating element 29	9.45 mm
marking of the actuating element A	ny inscription, text in upper case
number of contact modules 1	
Front ring	
product component front ring Y	es
design of the front ring	tandard
material of the front ring p	lastic
color of the front ring b	lack
Holder	
material of the holder P	lastic
Display	
number of LED modules 0	
General technical data	
product function positive opening N	0
product component light source N	0
insulation voltage rated value 5	00 V
degree of pollution 3	
type of voltage of the operating voltage	C/DC
surge voltage resistance rated value 6	kV
protection class IP	P66, IP67, IP69(IP69K)
• of the terminal IF	220
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 (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	
— 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
oontaot ronasmity	million (5 V, 1 mA)
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	2v (0.5 0.75 mm²)
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 behind front panel)
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
Certificates/ approvals	
Further information	
Information- and Downloadcenter (Catalogs, Brochures,)	
https://www.siemens.com/ic10	
Industry Mall (Online ordering system)	

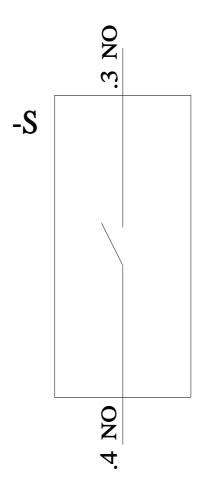
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1100-0AB70-1BA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB70-1BA0-Z Y11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB70-1BA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-0AB70-1BA0-Z Y11&lang=en



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