SIEMENS

Data sheet

3SU1100-0AB10-1FA0-Z Y10



Pushbutton, 22 mm, round, plastic, black, pushbutton, flat, momentary contact type, with holder 1 NO+1 NC, screw terminal, with laser labeling, upper case and lower case, always upper case at beginning of line

product brand name SIRUS ACT product designation Pushbuttons design of the product Complete unit product type designation 3SU1 product tree's article number Plastic, black, 22 mm e of supplied contact module at position 1 3SU1400-1AA10-1FA0 of the supplied notice 3SU1500-0AA10-0AA0 e of the supplied actuator 3SU1500-0AA10-0AA0 number of command points 1 Actuator design of the actuating element principle of operation of the actuating element plack material of the actuating element plastic shape of the actuating element cound outer diameter of the actuating element cound number of contact modules 1 product tree/actual gelement cound number of the actuating element cound product component front ring Yes		
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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	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) • of the terminal IP20, clamping screw tightened	insulation voltage rated value	500 V
surge voltage resistance rated value 6 kV protection class IP IP66, IP67, IP69(IP69K) • of the terminal IP20, clamping screw tightened	degree of pollution	3
protection class IP IP66, IP67, IP69(IP69K) • of the terminal IP20, clamping screw tightened	type of voltage of the operating voltage	AC/DC
of the terminal IP20, clamping screw tightened	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	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-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)
 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
60721	condensation in operation permitted for all devices behind front panel)
nstallation/ 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
Certificates/ approvals	
Further information	
Siemens has decided to exit the Russian market (see here)	
https://press.siemens.com/global/en/pressrelease/siemens-wind Siemens is working on the renewal of the current EAC cert	
and the renormal of the outfold EAO Cert	

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=3SU1100-0AB10-1FA0-Z Y10

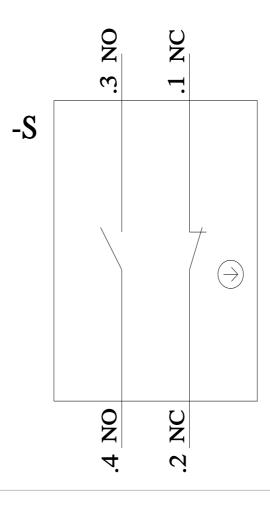
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB10-1FA0-Z Y10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB10-1FA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-0AB10-1FA0-Z Y10&lang=en



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