SIEMENS

Data sheet



Pushbutton, 22 mm, round, plastic with metal front ring, yellow, 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 designation Pushbuttons design of the product product type designation 3SU1 product tine Plastic with metal front ring, matt, 22 mm manufacturer's article number of supplied contact module at position 1 3SU1400-1AA10-1FA0 of the supplied holder 3SU1550-0AA10-0AA0 of the supplied clutator 3SU1030-0AB30-0AA0 number of command points 1 Actuator design of the actuating element principle of operation of the actuating element product extension optional light source No color of the actuating element plastic shape of the actuating element pour diameter of the actuating element 29.45 mm marking of the actuating element 29.45 mm marking of the actuating element 29.45 mm marking of the front ring Yes design of the front ring Metal, matt color of the front ring sand gray Holder number of LED modules 0	product brand name	SIRIUS ACT
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product function positive opening product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal Peo, clamping screw tightened	number of LED modules	0
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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 surge voltage resistance rated value protection class IP of the terminal AC/DC 6 kV IP66, IP67, IP69(IP69K) IP20, clamping screw tightened	insulation voltage rated value	500 V
surge voltage resistance rated value protection class IP of the terminal 6 kV IP66, IP67, IP69(IP69K) 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
, 1 0 0	protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	of the terminal	IP20, clamping screw tightened
	degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13

installation depth Approvals Certificates	71.7 mm	
	71.7 mm	
installation width	29.5 mm	
mounting height	11 mm	
positive tolerance of installation diameter	0.4 mm	
mounting diameter	22.3 mm	
shape of the installation opening	round	
width	30 mm	
height	40 mm	
of modules and accessories	Front plate mounting	
fastening method	front plate mounting	
nstallation/ mounting/ dimensions		
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of condensation in operation permitted for all devices beh	
during storage	-40 +80 °C	10 050/
during operation during storage	-25 +70 °C	
ambient temperature	05 +70 %0	
Ambient conditions		
tightening torque with screw-type terminals	0.8 0.9 N·m	
tightening torque of the screws in the bracket	1 1.2 N·m	
• for AWG cables	2x (18 14)	
finely stranded without core end processing	2x (1,0 1,5 mm²)	
finely stranded with core end processing	2x (0.5 1.5 mm²)	
 solid without core end processing 	2x (1.0 1.5 mm²)	
 solid with core end processing 	2x (0.5 0.75 mm²)	
type of connectable conductor cross-sections		
of modules and accessories	Screw-type terminal	
type of electrical connection	screw terminal	
Connections/ Terminals		
number of NO contacts for auxiliary contacts	1	
number of NC contacts for auxiliary contacts	1	
design of the contact of auxiliary contacts	Silver alloy	
Auxiliary circuit		
	(5 V, 1 mA)	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one ma	aloperation per 10 million
Power Electronics		
at DC rated value	5 500 V	
— at 60 Hz rated value	5 500 V	
— at 50 Hz rated value	5 500 V	
• at AC		
operating voltage		
Substance Prohibitance (Date)	10/01/2014	
continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG	10 A	
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A 10 A	
reference code according to IEC 81346-2		
thermal current	10 A S	
electrical endurance (operating cycles) typical	10 000 000	
mechanical service life (operating cycles) typical	10 000 000	
operating frequency maximum	3 600 1/h	
for railway applications according to EN 61373	Category 1, Class B	
according to IEC 60068-2-6	10 500 Hz: 5g	
vibration resistance		
for railway applications according to EN 61373	Category 1, Class B	
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms	
shock resistance		







Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping

other







Confirmation

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=3SU1130-0AB30-1FA0-Z Y10

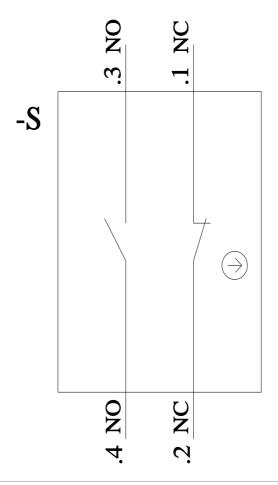
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-0AB30-1FA0-Z Y10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-0AB30-1FA0-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=3SU1130-0AB30-1FA0-Z Y10&lang=en



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