SIEMENS

Data sheet

3SU1100-0AB30-3BA0-Z Y15



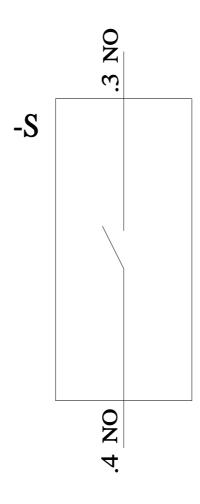
Pushbutton, 22 mm, round, plastic, yellow, pushbutton, flat, momentary contact type, with holder 1 NO, spring-type terminal, with laser labeling, upper case and lower case, always upper case at the beginning of the word

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 3SU1400-1AA10-3BA0 • of the supplied holder 3SU1550-0AA10-0AA0 • of the supplied actuator 3SU1000-0AB30-0AA0 number of command points 1 Actuator design of the actuating element priciple 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 29.45 mm marking of the actuating element 29.45 mm marking of the actuating element yellow material of the actuating element 29.45 mm marking of the actuating element Yes number of contact modules 1 Front ring Yes desig			
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number of command points 1 Actuator Image: state			
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outer diameter of the actuating element 29.45 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of contact modules 1 Front ring Yes	plastic		
marking of the actuating element Customized labeling, text in lower case / capital letters, all words start with capital letters number of contact modules 1 Front ring Yes	round		
with capital letters number of contact modules 1 Front ring product component front ring Yes	29.45 mm		
Front ring product component front ring Yes	Customized labeling, text in lower case / capital letters, all words start with capital letters		
product component front ring Yes	1		
h	Front ring		
design of the front ring Standard	Yes		
	Standard		
material of the front ring plastic	plastic		
color of the front ring black	black		
Holder			
material of the holder Plastic	Plastic		
Display			
number of LED modules 0	0		
General technical data			
product function positive opening No	No		
product component light source No	No		
insulation voltage rated value 500 V	500 V		
degree of pollution 3	3		
type of voltage of the operating voltage AC/DC	AC/DC		
surge voltage resistance rated value 6 kV	6 kV		
protection class IP IP66, IP67, IP69(IP69K)			
• of the terminal IP20	100, 107, 109(109K)		

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	
	0 000 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		
	Cilver ellev	
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	spring-loaded terminals	
of modules and accessories	Spring-type terminal	
type of connectable conductor cross-sections		
solid without core end processing	2x (0.25 1.5 mm ²)	
 finely stranded with core end processing 	2x (0.25 0.75 mm ²)	
 finely stranded without core end processing 	2x (0.25 1.5 mm²)	
at AWG cables	2x (24 16)	
tightening torque of the screws in the bracket	1 1.2 N·m	
Ambient conditions		
ambient temperature		
 during operation 	-25 +70 °C	
during storage	-40 +80 °C	
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no 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=3SU1100-0AB30-3BA0-Z Y15		

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB30-3BA0-Z Y15 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB30-3BA0-Z Y15 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-0AB30-3BA0-Z Y15&lang=en



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