SIEMENS

Data sheet



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

product designation design of the product product type designation product type designation 3SU1 product type designation 3SU1 product type designation 3SU1400-1AA10-1BA0 3SU1550-0AA10-0AA0 3SU1000-0AB30-0AA0 1 Actuator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element waterial of the actuating element plastic shape of the actuating element couter diameter of the actuating element arking of the actuating element couter diameter of the actuating element couter diameter of the actuating element product component front ring groduct component front ring product component front ring plastic design of the front ring plastic plack Holder Plastic Display number of LED modules Ceneral technical data product function positive opening product component light source No ninsulation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value for the terminal degree of protection NEMA rating final countries final	product brand name	SIRIUS ACT
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product component front ring design of the front ring material of the front ring color of the front ring plastic color of the front ring black Holder material of the holder Plastic Display number of LED modules General technical data product function positive opening product component light source insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value of the terminal Yes Standard Plastic Display No No O General technical data product function positive opening No No insulation voltage rated value 500 ∨ degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value Frotection class IP of the terminal Pastic Plastic No AC/DC Surge voltage resistance rated value Frote, IP69(IP69K) IP20	marking of the actuating element	Customized labeling, text in lower case letters
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design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic Display number of LED modules General technical data 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 Standard plastic Standard plastic Standard standard plastic Standard standard plastic Standard stan	Front ring	
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product component light source insulation voltage rated value 500 V degree of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal No 800 AC/DC 6 kV IP66, IP67, IP69(IP69K) IP20	General technical data	
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 of the terminal of the terminal of the voltage rated value protection class IP IP66, IP67, IP69(IP69K) IP20	product function positive opening	No
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	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	insulation voltage rated value	500 V
surge voltage resistance rated value 6 kV protection class IP IP66, IP67, IP69(IP69K) ● of the terminal IP20	degree of pollution	3
protection class IP IP66, IP67, IP69(IP69K) ● of the terminal IP20	type of voltage of the operating voltage	AC/DC
• of the terminal IP20	surge voltage resistance rated value	6 kV
	protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	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
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=3SU1100-0AB30-1BA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB30-1BA0-Z Y12

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB30-1BA0-Z Y12

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-Z Y12&lang=en

1/26/2022 last modified: