SIEMENS

Data sheet



Pushbutton, 22 mm, round, plastic with metal front ring, blue, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, screw terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product designation design of the product product line product line manufacturer's article number of supplied contact module at position 1 of the supplied holder of the supplied actuator supplied contact module at position 1 of the supplied actuator supplied contact module at position 1 of the supplied actuator supplied contact module at position 1 actuator design of the actuating element product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element product extension optional light source shape of the actuating element outer diameter of the actuating element product component front ring product component front ring design of the front ring material of the front ring design of the front ring material of the front ring color of the front ring material of the holder Plastic Display number of LED modules O General technical data product component light source No light product component option of the plastic product component ight source No light product component of the plastic Display number of LED modules O General technical data product component light source No light	product brand name	SIRIUS ACT
product type designation product line Plastic with metal front ring, matt, 22 mm manufacturer's article number of supplied contact module at position 1 of the supplied holder of the supplied actuator assulfoso-oAA10-oAA0 of the supplied actuator assulfoso-oAA20-oAA0 number of command points Actuator design of the actuating element product extension optional light source color of the actuating element product extension optional light source to actuating element plastic shape of the actuating element outer diameter of the actuating element arking of the actuating element outer diameter of the actuating element arking of the actuating element product component front ring product component front ring the actuating element Standard material of the front ring material of the front ring material of the front ring sand gray Holdor material of the front ring Metal, matt color of the front ring sand gray Holdor material of the holder Plastic Display number of LED modules O General technical data product function positive opening Yes product component light source No No	product designation	Pushbuttons
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manufacturer's article number • of supplied contact module at position 1 • of the supplied holder • of the supplied actuator number of command points 1 Actuator design of the actuating element momentary contact type product extension optional light source color of the actuating element blue material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element arking of the actuating element product component front ring action in the front ring sand gray Front ring product component front ring sand gray Holder material of the holder plastic Display number of LED modules General technical data product function positive opening Yes product component light source No SUI1400-1AA10-1EA0 3SU1400-1AA10-1EA0 3SU14500-1AA0 4 4 5U1550-0AA10-0AA0 4 5U1550-0AA10-0AA0 4 5U1550-0AA10 5U1550-0AA10 5U1550-0AA0 5U1550-0AA10-0AA0 5U1550-0AA0 5U1550-0AA10 5U1550-0AA0 5U1550-0AA10 5U1550-0AA10 5U1550-0AA10 5U1550-0AA10 5U1550-0AA0 5U1550-0AA10 5U1550-0AA0 5U1550-0AA10 5U1550-0AA10 5U1550-0AA10 5U1550-0AA0 5U1550-0AA10 5U1550-0AA0 5U1550-0AA10 5U1550-0AA0 5U1550-0AA0 5U1550-0AA0 5U1550-0AA0 5U1550-0AA10 5U1550-0AA0 5U1550-0	product type designation	3SU1
of supplied contact module at position 1 of the supplied holder of the supplied actuator of the supplied actuator asu1550-0AA10-0AA0 asu1630-0AB50-0AA0 number of command points design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element practical of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element arxing of the actuating element outer diameter of the actuating element arxing of the actuating element outer diameter of the actuating element arxing of the actuating e	product line	Plastic with metal front ring, matt, 22 mm
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of the supplied actuator number of command points 1 Actuator design of the actuating element	 of supplied contact module at position 1 	3SU1400-1AA10-1FA0
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Actuator Button, flat principle of operation of the actuating element product extension optional light source No color of the actuating element blue material of the actuating element plastic plastic plastic product extension optional light source No color of the actuating element plastic plast	 of the supplied actuator 	3SU1030-0AB50-0AA0
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color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element marking of the actuating element number of contact modules Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the holder material of the holder Display number of LED modules O General technical data product component light source blue material of the actuating element plastic plastic plastic plastic plastic plastic plastic product component light source No	principle of operation of the actuating element	momentary contact type
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outer diameter of the actuating element marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 Front ring product component front ring design of the front ring material of the front ring material of the front ring sand gray Holder material of the holder Display number of LED modules 0 General technical data product component light source No	material of the actuating element	plastic
marking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the holder Plastic Display number of LED modules General technical data product function positive opening product component light source Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration letext or symbol, can only be ordered via SIRIUS ACT configurator/Configuration letext or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Configuration letext or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Configuration letext or symbol, can only be ordered via SIRIUS ACT configurator/Confi	shape of the actuating element	round
configurator/Configuration Identification Number (CIN) number of contact modules 1 Front ring product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder Plastic Display number of LED modules General technical data product function positive opening product component light source No	outer diameter of the actuating element	29.45 mm
Front ring product component front ring design of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic Display number of LED modules product function positive opening product component light source No	marking of the actuating element	
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material of the holder Display number of LED modules General technical data product function positive opening product component light source Plastic 0 Ves No	Front ring product component front ring design of the front ring	1 Yes Standard
Display number of LED modules General technical data product function positive opening product component light source No	product component front ring design of the front ring material of the front ring	Yes Standard Metal, matt
number of LED modules General technical data product function positive opening Yes product component light source No	product component front ring design of the front ring material of the front ring color of the front ring	Yes Standard Metal, matt
General technical data product function positive opening Yes product component light source No	product component front ring design of the front ring material of the front ring color of the front ring Holder	Yes Standard Metal, matt sand gray
product function positive opening Product component light source Yes No	product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder	Yes Standard Metal, matt sand gray
product component light source No	product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder Display	Yes Standard Metal, matt sand gray Plastic
p ******** 5 *******	product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder Display number of LED modules	Yes Standard Metal, matt sand gray Plastic
insulation voltage rated value 500 V	product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder Display number of LED modules General technical data	Yes Standard Metal, matt sand gray Plastic
	product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder Display number of LED modules General technical data product function positive opening	Yes Standard Metal, matt sand gray Plastic 0 Yes
degree of pollution 3	product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder Display number of LED modules General technical data product function positive opening product component light source	Yes Standard Metal, matt sand gray Plastic 0 Yes No
type of voltage of the operating voltage AC/DC	product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder Display number of LED modules General technical data product function positive opening product component light source insulation voltage rated value	Yes Standard Metal, matt sand gray Plastic 0 Yes No 500 V
surge voltage resistance rated value 6 kV	product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder Display number of LED modules General technical data product function positive opening product component light source insulation voltage rated value degree of pollution	Yes Standard Metal, matt sand gray Plastic 0 Yes No 500 V 3
protection class IP IP66 IP67 IP69(IP69K)	product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder 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	Yes Standard Metal, matt sand gray Plastic 0 Yes No 500 V 3 AC/DC
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proteotion ondo ii	product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder 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	Yes Standard Metal, matt sand gray Plastic 0 Yes No 500 V 3 AC/DC 6 kV

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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
	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)
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	71.7 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=3SU1130-0AB50-1FA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-0AB50-1FA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-0AB50-1FA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SU1130-0AB50-1FA0-Z Y19&lang=en

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