SIEMENS

Data sheet



Pushbutton, 22 mm, round, plastic with metal front ring, red, 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 type designation product line manufacturer's article number of supplied contact module at position 1 of the supplied actuator number of command points Actuator design of the actuating element principle of operation of the actuating element material of the actuating element product extension optional light source outer diameter of the actuating element marking of the actuating element principle of operation of the actuating element product extension optional light source outer diameter of the actuating element product extension optional supplied element product extension optional points Actuator design of the actuating element principle of operation of the actuating element product extension optional light source No color of the actuating element material of the actuating element outer diameter of the actuating element arking of the actuating element product extension optional supplied product component front ring product component front ring design of the front ring Metal, matt color of the front ring material of the front ring Metal, matt color of the front ring material of the holder Plastic Display number of LED modules O General technical data product component light source No insulation voltage rated value degree of pollution 3 SU1400-1AA10-1FA0 3 SU1400-1AA10-1AA0 4 Condained Condained 4	product brand name	SIRIUS ACT
product type designation product line manufacturer's article number of supplied contact module at position 1 of the supplied holder of the supplied actuator number of command points Actuator design of the actuating element principle of operation of the actuating element material of the actuating element product extuating element material of the front ring product component front ring material of the foot ring material of the holder material of the holder Design of LED modules General technical data product component light source Design of the actuating element Design of the front ring Design of	product designation	Pushbuttons
product line	design of the product	Complete unit
manufacturer's article number of supplied contact module at position 1 of the supplied contact module at position 1 of the supplied actuator asu1550-0AA10-0AA0 of the supplied actuator number of command points 1 Actuator design of the actuating element momentary contact type product extension optional light source No color of the actuating element plastic shape of the actuating element round outer diameter of the actuating element arking of the actuating element pouter diameter of the actuating element round outer diameter of the actuating element arking of the actuating element arking of the actuating element plastic shape of the actuating element round outer diameter of the actuating element arking element arking of the forting arking element arking element arking element arking of the forting arking element a	product type designation	3SU1
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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 front ring 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 Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration ldentification Number (CIN) 1 Pes Standard Metal, matt sand gray Plastic 0 General technical data Product component light source No insulation voltage rated value	shape of the actuating element	round
configurator/Configuration Identification Number (CIN) number of contact modules Front ring product component front ring	outer diameter of the actuating element	29.45 mm
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 insulation voltage rated value Yes Yes Yes Yes No No Source Sou	marking of the actuating element	
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number of LED modules 0 General technical data product function positive opening	Front ring product component front ring design of the front ring material of the front ring	Yes Standard Metal, matt
number of LED modules 0 General technical data product function positive opening Yes product component light source No 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	Yes Standard Metal, matt
General technical data product function positive opening Yes product component light source No insulation voltage rated value 500 V	Front ring 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 Yes product component light source No 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	Yes Standard Metal, matt sand gray
product component light source No 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	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	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	Yes Standard Metal, matt sand gray Plastic
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	Yes Standard Metal, matt sand gray Plastic 0 Yes
	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
	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
	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=3SU1130-0AB20-1FA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-0AB20-1FA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-0AB20-1FA0-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=3SU1130-0AB20-1FA0-Z Y19&lang=en

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