SIEMENS

Data sheet



Pushbutton, 22 mm, round, metal, shiny, green, pushbutton, raised, 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 type designation design of the product product type designation product type designation 3SU1 Metal, shiny, 22 mm manufacturer's article number • of supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied actuator number of command points 1 Actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element outer diameter of the actuating element outer diameter of the actuating element product extension optional light source shape of the actuating element outer diameter of the actuating element product omponent for the actuating element couter diameter of the actuating element outer diameter of the actuating element outer diameter of the actuating element outer diameter of the actuating element couter diameter of the actuating element product component front ring silver 1 Front ring product component front ring design of the front ring material of the front ring material of the front ring material of the holder Plastic Pispley number of LED modules Conceral technical data product function positive opening product component light source No nimitation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value for Voltage resistance rated value	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm Metal, shiny, 24 max Metal, shiny, 25 max Metal, shiny, 25 max Metal, shiny, 25 max Metal, shiny, 26 max Metal, shiny, 26 max Metal, shiny, 26 max Metal, shiny, 25 max Metal, shiny, 26 max	product designation	Pushbuttons
product line manufacturer's article number of supplied contact module at position 1 of the supplied holder of the supplied actuator substituting the supplied actuator substituting the supplied actuator substituting the substitution that substituting the substitution that substituting the substitution that substituting the substitution that substituting the substitution that substitution the su	design of the product	Complete unit
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number of command points Actuator	 of the supplied holder 	3SU1550-0AA10-0AA0
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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 lines start with capital letter number of contact modules 1 Front ring product component front ring Yes design of the front ring Metal, high gloss color of the front ring silver Holder material of the holder Plastic Display number of LED modules 0 General technical data product function positive opening Yes product component light source No insulation voltage rated value 500 V 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)	material of the actuating element	plastic
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 Metal, high gloss 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 insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value 6 kV protection class IP Customized labeling, text in lower case / capital letters, all lines start with capital letter uith capital letter 1 Customized labeling, text in lower case / capital letters, all lines start with capital letter 1 Ves 1 Customized labeling, text in lower case / capital letters, all lines start with capital letter 1 Ves Standard Metal, high gloss silver Plastic 0 Coneral technical data Front ring Yes Plastic O Coneral technical data Front ring Yes Product function positive opening Yes Product function positive opening AC/DC Surge voltage resistance rated value 6 kV Protection class IP	shape of the actuating element	round
number of contact modules Front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring 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 6 kV protection class IP we standard Metal, high gloss Standard Metal, high gloss Standard Metal, high gloss Standard Metal, high gloss Standard Metal, high gloss Standard Metal, high gloss Silver Plastic 0 Ceneral technical data Front function positive opening Yes product function positive opening Yes product component light source No insulation voltage rated value 6 kV Protection class IP	outer diameter of the actuating element	29.45 mm
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design of the front ring material of the front ring Color of the front ring material of the front ring silver 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 surge voltage of the operating voltage surge voltage resistance rated value protection class IP Standard Metal, high gloss Metal, high gloss silver Plastic Display 10 Ves 0 0 Ceneral technical data product function positive opening yes product component light source No insulation voltage rated value 500 V degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value protection class IP	Front ring	
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material of the holder Display number of LED modules General technical data product function positive opening	color of the front ring	silver
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 Fig. 12 AC/DC Surge voltage resistance rated value Fig. 12 Fig	Holder	
number of LED modules General technical data product function positive opening Yes product component light source No insulation voltage rated value 500 V 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)	material of the holder	Plastic
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product function positive opening product component light source No insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value AC/DC surge voltage resistance rated value protection class IP IP66, IP67, IP69(IP69K)	number of LED modules	0
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 No AC/DC 6 kV Protection class IP	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 Solution Solution	product function positive opening	Yes
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)	product component light source	No
type of voltage of the operating voltage surge voltage resistance rated value protection class IP AC/DC 6 kV IP66, IP67, IP69(IP69K)	insulation voltage rated value	500 V
surge voltage resistance rated value 6 kV protection class IP IP66, IP67, IP69(IP69K)	degree of pollution	3
protection class IP IP66, IP67, IP69(IP69K)	type of voltage of the operating voltage	AC/DC
	surge voltage resistance rated value	6 kV
IDOO alamaina d	protection class IP	IP66, IP67, IP69(IP69K)
of the terminal IP20, clamping screw tightened	 of the terminal 	IP20, clamping screw tightened

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
vibration resistance	
according to IEC 60068-2-6	10 500 Hz: 5g
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	5 500 1/
— 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	million (3 V, 1 mA)
	Silver alley
design of the contact of auxiliary contacts	Silver alloy 1
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	1
Connections/ Terminals	
type of electrical connection	corou tuno terminale
of modules and accessories	screw-type terminals Screw-type terminal
type of connectable conductor cross-sections	Octew-type terminal
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 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	16.2 mm
installation width	29.5 mm
installation depth	71.7 mm
Certificates/ approvals	
Further information	
Information- and Downloadcenter (Catalogs, Brochures,)

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=3SU1150-0BB40-1FA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0BB40-1FA0-Z Y10 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-0BB40-1FA0-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=3SU1150-0BB40-1FA0-Z Y10&lang=en

last modified: 1/26/2022 🖸