SIEMENS

Data sheet



Pushbutton, 22 mm, round, metal, shiny, red, pushbutton, flat, momentary contact type, with holder, 1 NO, screw terminal, with laser labeling, upper case

product designation design of the product product type designation product type designation 3SU1 Metal, shiny, 22 mm Memetal of the actuating element product extension optional light source No color of the actuating element product extension optional light source No color of the actuating element plastic Shape of the actuating element plastic Shape of the actuating element Any inscription, text in upper case No metal, nigh gloss Standard Metal, nigh	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm Metal, shiny,	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 assuration of the supplied actuator assuration of the supplied actuator assuration of the supplied actuator design of the actuating element principle of operation 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 arrived in the actuating element outer diameter of the actuating element arrived in the process element	design of the product	Complete unit
manufacturer's article number of supplied contact module at position 1 of the supplied holder of the supplied actuator suttor assut550-0AA10-0AA0 suttor design of the actuating element principle of operation of the actuating element product extension optional light source material of the actuating element outer diameter of the actuating element number of contact modules front ring product component front ring design of the actuating element Any inscription, text in upper case number of contact modules 1 Front ring product component front ring design of the front ring material of the holder material of the holder product component front ring dosign of the front ring material of the holder plastic product component front ring material of the holder plastic silver Metal, high gloss color of the front ring material of the holder plastic product function positive opening number of LED modules Ogeneral technical data product component light source No insulation voltage rated value dogree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value of the terminal P20	product type designation	3SU1
of supplied contact module at position 1 of the supplied holder of the supplied actuator assure of the supplied actuator number of command points 1 Actuator design of the actuating element	product line	Metal, shiny, 22 mm
• of the supplied holder • of the supplied actuator asu1050-0AB20-0AA0 1 number of command points Actuator design of the actuating element	manufacturer's article number	
of the supplied actuator number of command points Actuator design of the actuating element product extension optional light source color of the actuating element material 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 number of contact modules 1 Front ring product component front ring design of the front ring Metal, high gloss color of the front ring Metal of the holder Display number of LED modules O General technical data product component light source No General technical data product function positive opening No product component light source No insulation voltage rated value 6 kV protection class IP of the terminal Ple6, IP67, IP69(IP69K) IP20	 of supplied contact module at position 1 	3SU1400-1AA10-1BA0
number of command points Actuator design of the actuating element principle of operation of the actuating element momentary contact type product extension optional light source No color of the actuating element red material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element Any inscription, text in upper case number of contact modules Front ring product component front ring Standard material of the front ring Metal, high gloss color of the front ring silver Holder material of the holder Display number of LED modules General technical data product component light source No insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage Surge (BF6, IP67, IP69(IP69K) protection class IP profections in the protection of the terminal Button, filat momentary contact type m	 of the supplied holder 	3SU1550-0AA10-0AA0
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Display Plastic number of LED modules 0 General technical data No product function positive opening No 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) of the terminal IP20	color of the front ring	silver
Display number of LED modules 0 General technical data product function positive opening No 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) • of the terminal IP20	Holder	
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General technical data product function positive opening No 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) of the terminal IP20	Display	
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 No No No AC/DC Surge voltage rated value 6 kV Protection class IP IP66, IP67, IP69(IP69K) IP20	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 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 protection class IP of the terminal 6 kV IP66, IP67, IP69(IP69K) 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	4 0 0 0D 4 4V 40 40

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	
— 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	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	
 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	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	

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1150-0AB20-1BA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0AB20-1BA0-Z Y11

Service&Support (Manuals, Certificates, Chanttps://support.industry.siemens.com/cs/ww/en/g	ps/3SU1150-0AB20-1BA0-Z Y11	
Image database (product images, 2D dimensi	sion drawings, 3D models, device circuit diagrams, EPLAN n	nacros,)
http://www.automation.siemens.com/bilddb/cax	de.aspx?mlfb=3SU1150-0AB20-1BA0-Z Y11⟨=en	
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