SIEMENS

Data sheet



Pushbutton, 22 mm, round, metal, shiny, black, pushbutton, raised, momentary contact type, with holder, 1 NO+1 NC, screw terminal, Z=20-unit packaging

product designation design of the product product type designation product type designation product time manufacturer's article number • of supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied contact module at position 1 • of the supplied contact module at position 1 • of the 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 product extension optional light source shape 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 silver material of the front ring material of the front ring material of the holder product component front ring Holder material of the holder Plastic General technical data product function positive opening yes product component light source No insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value fedgree of protection NEMA rating shock resistance Component light source No in the terminal light counter of the police of the po	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm Metal, shiny, 24 ma Metal, shiny, 24 ma Metal, shiny,	product designation	Pushbuttons
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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 protection class IP iP66, IP67, IP69(IP69K) of the terminal iP20, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	material of the front ring	Metal, high gloss
Display Plastic number of LED modules 0 General technical data Yes 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) ◆ of the terminal IP20, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	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 protection class IP of the terminal degree of protection NEMA rating 0 Ves No No No AC/DC 4 AC/DC 5 BY BY BY BY BY BY BY BY BY	Holder	
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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, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	product component light source	No
type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating AC/DC 6 kV IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13	insulation voltage rated value	500 V
surge voltage resistance rated value protection class IP of the terminal degree of protection NEMA rating 6 kV IP66, IP67, IP69(IP69K) IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13	degree of pollution	3
protection class IP of the terminal lP20, clamping screw tightened degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	type of voltage of the operating voltage	AC/DC
● of the terminal IP20, clamping screw tightened 1, 2, 3, 3R, 4, 4X, 12, 13	surge voltage resistance rated value	6 kV
degree of protection NEMA rating 1, 2, 3, 3R, 4, 4X, 12, 13	protection class IP	IP66, IP67, IP69(IP69K)
	of the terminal	IP20, clamping screw tightened
shock resistance	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	
— 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	16.2 mm
installation width	29.5 mm
installation depth	71.7 mm
Certificates/ approvals	
Further information	
Information- and Downloadcenter (Catalogs, Brochures	1

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=3SU1150-0BB10-1FA0-Z X90

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0BB10-1FA0-Z X90

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

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