SIEMENS

Data sheet



Pushbutton, 22 mm, round, metal, shiny, yellow, pushbutton, flat, momentary contact type, 1 NO, spring-type terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product brand name SIRIUS ACT		
design of the product product type designation product line Metal, shiny, 22 mm Metal, shiny, 22 mm Metal, shiny, 22 mm Metal, shiny, 22 mm * of supplied contact module at position 1 * of the supplied actuator * of the supplied actuator 1	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm Metal, shin	product designation	Pushbuttons
product line manufacturer's article number • of supplied contact module at position 1 • of the supplied actuator * of the actuating element * principle of operation of the actuating element * pellow * material of the actuating element * outer diameter of the actuating element * outer diameter of the actuating element * any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration identification Number (CIN) * number of contact modules * product component front ring * yes * design of the front ring * yes * design of the front ring * standard * material of the front ring * standard * material of the holder * Plastic * Display * number of LED modules * O * General technical data * product component light source No * Insulation voltage rated value * 50 0 V * degree of poliution * January * of the terminal * of the terminal * Plastic * of the terminal *	design of the product	Complete unit
manufacturer's article number of supplied contact module at position 1 of the supplied holder of the supplied local actuator substitution of the supplied actuator assurisso-oAA10-oAA0 of the supplied actuator assurisso-oAA30-oAA0 number of command points 1 Actuator design of the actuating element principle of operation 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 marking of the actuating element arking of the actuating element outer diameter of the actuating element arking of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration identification Number (CIN) number of contact modules 1 Front ring product component front ring design of the front ring Metal, high gloss color of the front ring Holder material of the holder plastic Display number of LED modules O Ceneral technical data product function positive opening No product component light source insulation voltage rated value dogree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value 6 kV protection class IP i of the terminal	product type designation	3SU1
• of supplied contact module at position 1 • of the supplied actuator • 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 number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element principle of operation of the actuating element product extension optional light source No color of the actuating element plastic shape of the actuating element outer diameter of the actuating element product extension epitonal person to the actuating element outer diameter of the actuating element arking of the actuating element product component front ring product component front ring design of the front ring silver Holder material of the front ring wetland front ring material of the front ring product component front ring design of the front ring material of the holder plastic product option (actuating element product component front ring material of the front ring material of the front ring Netal, high gloss silver Holder material of the holder plastic Display number of LED modules General tochnical data product function positive opening product component light source insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value of the fort, present person, present	manufacturer's article number	
of the supplied actuator number of command points 1 Actuator design of the actuating element product extension optional light source color of the actuating element material of the actuating element pouter diameter of the actuating element marking of the actuating element marking of the actuating element arriving of the actuating element product component front ring design of the actuating element plastic shape of the actuating element outer diameter of the actuating element arriving of the actuating element product component front ring feront ring product component front ring design of the front ring Metal, high gloss 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 3 type of voltage of the operating voltage surge voltage resistance rated value of the terminal Page 120 100 100 100 100 100 100 100	 of supplied contact module at position 1 	3SU1400-1AA10-3BA0
number of command points 1 Actuator design of the actuating element	 of the supplied holder 	3SU1550-0AA10-0AA0
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 yellow material of the actuating element plastic shape of the actuating element outer diameter of the actuating element Any inscription, text or symbol, can only be ordered via SIRIUS ACT configuration Identification Number (CIN) number of contact modules 1 Front ring product component front ring Standard material of the front ring Standard material of the front ring silver Holder material of the holder Plastic 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 yellow less lives (NV) protection class IP IP66 (IP67, IP69(IP69K) pot of the terminal insulation source IP60 (IP60) pot of the terminal IP20	 of the supplied actuator 	3SU1050-0AB30-0AA0
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 yellow material of the actuating element plastic plastic plastic product extension optional light source plastic plas	number of command points	1
principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element vellow outer diameter of the actuating element outer diameter of the actuating element marking of the actuating element plastic shape of the actuating element outer diameter of the actuating element product contact modules 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 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 resistance rated value of the terminal material of the terminal No protection class IP of the terminal momentary contact type plastic	Actuator	
product extension optional light source velow solved the actuating element velow plastic shape of the actuating element round velouter diameter of the actuating element arrived actuating element velow plastic shape of the actuating element velow plastic velow product configuration identification Number (CIN) velow product component front ring velow product component front ring velow product of the holder velow product product of the holder velow product product function positive opening product function positive opening product component light source product product product of the operating velow product product of the operating velow product product of the operating velow product of velow product velo	design of the actuating element	Button, flat
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 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	principle of operation of the actuating element	momentary contact type
material of the actuating element round outer diameter of the actuating element 29,45 mm marking of the actuating element 29,45 mm 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 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 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 IP20	product extension optional light source	No
shape of the actuating element 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 Metal, high gloss color of the front ring material of the front ring wilver Holder Telephone Tisplay number of LED modules O General technical data product function positive opening product component light source insulation voltage rated value 500 V degree of pollution surge voltage of the operating voltage surge voltage resistance rated value • of the terminal	color of the actuating element	yellow
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 material of the holder Metal, high gloss color of the front ring Plastic Display number of LED modules quantification Number (CIN) Metal, high gloss color of the front ring Plastic Display number of LED modules quantification positive opening product function positive opening product component light source insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value 6 kV protection class IP verification voltage resistance rated value IP20	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 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 of the terminal Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 1 Nessended 1 Nessended No insulation voltage rated value 6 kV protection class IP i P66, IP67, IP69(IP69K) i P20	shape of the actuating element	round
configuration Identification Number (CIN) number of contact modules Front ring product component front ring	outer diameter of the actuating element	29.45 mm
Front ring product component front ring design of the front ring material of the front ring color of the front ring Metal, high gloss color of the front ring wilver Holder material of the holder Plastic Display number of LED modules 0 General technical data product function positive opening product component light source insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value of the terminal Yes Metal, high gloss silver Metal, high gloss silver Metal, high gloss silver Metal, high gloss silver Plastic Display 0 General technical data product component light source No insulation voltage rated value 500 ∨ degree of pollution 3 type of voltage rated value 6 kV protection class IP of the terminal IP20	marking of the actuating element	
product component front ring design of the front ring material of the front ring Color of the front ring Metal, high gloss silver Holder material of the holder Plastic Display number of LED modules O General technical data product function positive opening product component light source insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value of the terminal Yes Metal, high gloss Standard Metal, high gloss Silver Plastic Plastic Display 0 General technical data No insulation positive opening No AO AC/DC Surge voltage resistance rated value 6 kV Protection class IP of the terminal	number of contact modules	1
design of the front ring material of the front ring material of the front ring material 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 surge voltage of the operating voltage surge voltage resistance rated value for the terminal Standard Metal, high gloss silver Plastic 0 0 Common voltage No No Source No AC/DC Surge voltage resistance rated value for kV protection class IP of the terminal	Front ring	
material of the front ring color 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 3 type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal Metal, high gloss silver Metal, high gloss silver Plastic 0 0 Command of the holder No No Solve No AC/DC Surge voltage resistance rated value of kV Protection class IP of the terminal	product component front ring	Yes
color of the front ring silver Holder Plastic 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	design of the front ring	Standard
Holder Plastic Display 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	material of the front ring	Metal, high gloss
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	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	
number of LED modules General technical data product function positive opening No product component light source No insulation voltage rated value for of voltage of pollution type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal of the definition of the terminal of the terminal of the definition of the terminal	material of the holder	Plastic
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 AC/DC Surge voltage resistance rated value 6 kV Protection class IP IP66, IP67, IP69(IP69K)	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 resistance 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 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value protection class IP in protection class	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 insulation voltage rated value AC/DC surge voltage resistance rated value for kV 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	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 (operating cycles) typical	10 000 000
electrical endurance (operating 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	spring-loaded terminals
of modules and accessories	Spring-type terminal
type of connectable conductor cross-sections	Spring type terminal
solid without core end processing	2x (0.25 1.5 mm²)
finely stranded with core end processing	2x (0.25 0.75 mm²)
finely stranded with core end processing finely stranded without core end processing	2x (0.25 1.5 mm²)
for AWG cables	2x (24 16)
tightening torque of the screws in the bracket	1 1.2 N·m
Ambient conditions	1 1.2 IVIII
ambient temperature	0570.00
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	
Siemens has decided to exit the Russian market (see here)	

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https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

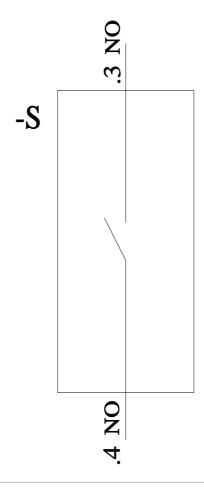
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1150-0AB30-3BA0-Z Y19

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-0AB30-3BA0-Z Y19

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-0AB30-3BA0-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=3SU1150-0AB30-3BA0-Z Y19&lang=en



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