SIEMENS

Data sheet



Illuminated pushbutton, 22 mm, round, metal, shiny, yellow, pushbutton, flat, momentary contact type, with holder, 1NO, LED module with integrated LED 110 V AC, screw terminal, with laser labeling, upper case

product brand name SIRUS ACT		
design of the product product type designation product line Metal, shiny, 22 mm * of supplied contact module at position 1 * of supplied LED module * of the supplied LED module * of the supplied Actuator * of the actuating element * of the actuating element * principle of operation of the actuating element * product extension optional light source * ocior of the actuating element * outer diameter of the actuating element * or outer diameter of the actuating element * outer diameter of the actuating element * or outer diameter of the actuating element * or outer diameter of the actuating element * outer diameter of the actuating elem	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm manufacturer's article number • of supplied LED module • of supplied LED module • of the supplied held module • of the supplied actuator • of the supplied actuator supplied LED module • of the supplied actuator • of the supplied actuator number of command points 1 Actuator design of the actuating element product extension optional light source velocity of the actuating element product extension optional light source shape of the actuating element product extension optional light source shape of the actuating element shape of the actuating element product component for the actuating element product component front ring product component front ring design of the front ring sliver color of the front ring product component front ring product function positive opening product function positive opening product component light source product function positive opening product cass IP product function siss IP protection class IP protection c	product designation	Illuminated pushbuttons
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manufacturer's article number of supplied contact module at position 1 of supplied LED module of the supplied actuator surfacturer's article actuator of the supplied actuator surfacturer 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 plastic shape of the actuating element plastic outer diameter of the actuating element and plastic outer diameter of the actuating element product extension aptional element plastic outer diameter of the actuating element and plastic in upper case front ring product component front ring and plastic older and plastic Oisplay number of LED modules 1 General technical data product function positive opening No product component light source yes insulation voltage rated value as 20 V degree of pollution as 3 type of voltage of the operating voltage surge voltage resistance rated value 4 kV protection class IP if e6e, IPS7, IPS6(IPS6K) of the terminal	product type designation	3SU1
of supplied LED module of supplied LED module of the supplied holder of the supplied holder of the supplied holder of the supplied acutator sulfast-oAA10-AA0 of the supplied octuator sulfast-oAA10-AA0 of the supplied acutator sulfast-oAA30-OAA0 number of command points 1 Acutator design of the actuating element principle of operation of the actuating element momentary contact type product extension optional light source color of the actuating element product extension optional light source sulfastic 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 sulfastic shape of the actuating element number of contact modules 1 Front ring product component front ring design of the front ring sulfastic sulfastic material of the holder Plastic Display number of LED modules 1 Ceneral technical data product function positive opening product component light source Yes insulation voltage rated value degree of pollution 3 type of voltage resistance rated value 4 kV protection class IP if the terminal issuirs 1 P60, IP63, IP69(IP69K) of the terminal	product line	Metal, shiny, 22 mm
of supplied LED module of the supplied holder 3SU155-0AA10-0AA0 3SU155-0AA30-0AA0 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 product extension optional light source color of the actuating element shape of the actuating element pastic shape of the actuating element round 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, high gloss color of the front ring Metal, high gloss color of the front ring silver Holder material of the holder Piastic Display number of LED modules 1 General technical data product component light source Yes 1 Sonoral technical data product component light source Yes 1 Sonoral technical data product component light source Yes 1 Sonoral technical data Product function positive opening No product component light source Yes 1 Legeneral technical data Product function positive opening Product component light source Yes 1 Legeneral technical data Product data Product data Product function positive opening Product component light source Yes 1 Legeneral technical data Product component light source Yes 1 Legeneral technical data Product component light source Yes 1 Legeneral technical data Product component light source Yes 1 Legeneral technical data Product component light source Yes 1 Legeneral technical data Product component light source Yes 1 Legeneral technical data Product component light source Yes 1 Legeneral technical data Product component light source Product com	manufacturer's article number	
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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 yellow material of the actuating element passic shape of the actuating element round outer diameter of the actuating element marking of the actuating element Any inscription, text in upper case number of contact modules Front ring product component front ring design of the front ring silver Holder material of the holder Display number of LED modules 1 General technical data product function positive opening product component light source insulation voltage rated value 320 V degree of pollution type of voltage of the operating voltage surge voltage resistance rated value e of the terminal Ple6, IP67, IP69(IP69K) IP20 of the terminal Button, flat Butt	 of supplied LED module 	3SU1401-1BC30-1AA0
number of command points 1 Actuator design of the actuating element	 of the supplied holder 	3SU1550-0AA10-0AA0
design of the actuating element principle of operation of the actuating element momentary contact type product extension optional light source Yes color of the actuating element yellow 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 1 Front ring product component front ring Yes design of the front ring Metal, high gloss color of the front ring silver material of the holder Plastic Display number of LED modules 1 General technical data product component light source Yes insulation voltage rated value 320 V degree of pollution yes flow, in the first, in the firs	of the supplied actuator	3SU1051-0AB30-0AA0
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color of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 29.45 mm marking of the actuating element Any inscription, text in upper case number of contact modules 1 Front ring product component front ring Yes design of the front ring Standard material of the front ring Metal, high gloss color of the front ring silver Holder material of the holder Plastic Display number of LED modules 1 General technical data product function positive opening No product component light source Yes insulation voltage rated value 320 V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 4 kV protection class IP outer 129.45 mm plastic plas	principle of operation of the actuating element	momentary contact type
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shape of the actuating element outer diameter of the actuating element 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 silver Holder material of the holder Plastic Display number of LED modules 1 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	color of the actuating element	yellow
outer diameter of the actuating element marking of the actuating element number of contact modules 1 Front ring product component front ring design of the front ring material of the front ring material of the holder Display number of LED modules 1 General technical data product component light source insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value 4 kV protection class IP ves language Any inscription, text in upper case Any inscription An	material of the actuating element	plastic
marking of the actuating element number of contact modules 1 Front ring product component front ring	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 Holder material of the holder Plastic Display number of LED modules 1 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 1 Pess 1 1 1 1 1 1 1 1 1 1 1 1	outer diameter of the actuating element	29.45 mm
product component front ring design of the front ring material of the front ring material of the front ring color of the front ring material of the holder Holder material of the holder Plastic Display number of LED modules 1 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 Pyes Standard Metal, high gloss silver Metal, high gloss silver Metal, high gloss silver Metal, high gloss silver Metal, bigh gloss silver Metal, bigh gloss silver Metal, bigh gloss silver No 1 General technical data yrounder function positive opening No yes insulation voltage rated value 320 V degree of pollution 4 kV protection class IP of the terminal	marking of the actuating element	Any inscription, text in upper case
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design of the front ring material of the front ring material 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 3 type of voltage of the operating voltage surge voltage resistance rated value protection class IP of the terminal of the front ring Metal, high gloss Metal, high gloss silver Metal, high gloss silver Metal, high gloss silver Plastic 1 Concate the silver No 2 4 8 8 8 8 8 8 8 8 8 8 8 8	Front ring	
material of the front ring color of the front ring silver 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 320 ∨ 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 Metal, high gloss silver Metal, high gloss silver Plastic Plastic No 1 Concata AC/DC Surge voltage resistance rated value 4 kV Protection class IP IP66, IP67, IP69(IP69K) IP20	product component front ring	Yes
rection of the front ring silver Holder material of the holder Plastic Display number of LED modules 1 General technical data product function positive opening No product component light source Yes insulation voltage rated value 320 V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66, IP67, IP69(IP69K) • of the terminal IP20	design of the front ring	Standard
material of the holder Plastic Display number of LED modules 1 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 P66, IP67, IP69(IP69K) of the terminal Plastic Plastic Plastic	material of the front ring	Metal, high gloss
material of the holder Plastic Display 1 General technical data No product function positive opening No product component light source Yes insulation voltage rated value 320 V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66, IP67, IP69(IP69K) • of the terminal IP20	color of the front ring	silver
Display number of LED modules 1 General technical data product function positive opening No product component light source Yes insulation voltage rated value 320 V degree of pollution 3 type of voltage of the operating voltage AC/DC surge voltage resistance rated value 4 kV protection class IP IP66, IP67, IP69(IP69K) • of the terminal IP20	Holder	
number of LED modules General technical data product function positive opening	material of the holder	Plastic
product function positive opening product component light source product component light source insulation voltage rated value 320 V degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value 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 Yes 320 V AC/DC AC/DC surge voltage resistance rated value 4 kV protection class IP IP66, IP67, IP69(IP69K) IP20	number of LED modules	1
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 of the terminal Yes 320 V AC/DC 4 kV IP66, IP67, IP69(IP69K) 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 insulation voltage rated value AC/DC 4 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 4 kV protection class IP IP66, IP67, IP69(IP69K) ● of the terminal IP20	product component light source	Yes
type of voltage of the operating voltage surge voltage resistance rated value 4 kV protection class IP of the terminal IP20	insulation voltage rated value	320 V
surge voltage resistance rated value 4 kV protection class IP of the terminal IP20 4 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	4 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	3 000 000
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)
Supply voltage	(* .,
type of voltage of the supply voltage of the light source	AC
	AC
supply voltage of the light source at AC	440.14
at 50 Hz rated value	110 V
at 60 Hz rated value	110 V
Control circuit/ Control	
inrush current of LED module maximum	3 A
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)
• for 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
Lamp	3.5 V.O 11 III
	LED
type of light source	
color of the light source	yellow
light intensity	900 1 400 mcd
Ambient conditions	
ambient temperature	
 during operation 	-25 +70 °C
during storage	-40 +80 °C
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in
60721	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).

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=3SU1153-0AB30-1BA0-Z Y11

Cax online generator

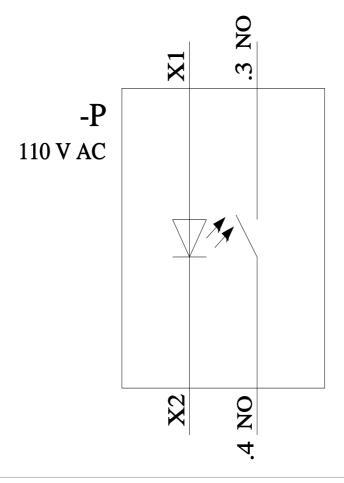
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1153-0AB30-1BA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-0AB30-1BA0-Z Y11

 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1153-0AB30-1BA0-Z Y11&lang=en



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