SIEMENS

Data sheet



Illuminated pushbutton, 22 mm, round, Metal, shiny, white, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 230 V AC, screw terminal, with laser labeling, lower case

product brand name product designation design of the product product type designation product line manufacturer's article number of supplied contact module at position 1 of supplied contact module at position 1 of supplied LED module of the supplied holder of the supplied holder of the supplied holder of the supplied ontact module at position 1 **Evaluator* **Actuator* **Actuator* **design of the actuating element principle of operation of the actuating element principle of operation of the actuating element material of the actuating element product extension optional light source color of the actuating element shape of the actuating element markrail of the actuating element product diameter of the actuating element number of contact modules **Terontring** **Pes** **Customized labeling, text in lower case letters number of contact modules **Terontring** **Pes** **Customized labeling, text in lower case letters number of contact modules **Terontring** **Pes** **Customized labeling, text in lower case letters number of contact modules **Terontring** **Pes** **Actuator** **Description** **Terontring** **Pes** **Terontring** **Pes** **Terontring** **Pes** **Terontring** **Pes** **Terontring** **Pes** **Terontring** **Pes** **Terontring** **Terontr		
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number of command points Actuator design of the actuating element Button, flat principle of operation of the actuating element momentary contact type product extension optional light source Yes color of the actuating element white material 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 Customized labeling, text in lower case letters number of contact modules 1 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 Plastic Display number of LED modules 1 General technical data product component light source Yes insulation voltage rated value 320 V	 of the supplied holder 	3SU1550-0AA10-0AA0
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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 Metal, high gloss color of the front ring 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 29.45 mm Customized labeling, text in lower case letters 1 Customized labeling, text in lower case letters 1 Plastic Display Yes 1	material of the actuating element	plastic
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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 silver Plastic 1 Yes 2 320 V	design of the front ring	Standard
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 Plastic Yes 320 V	material of the front ring	Metal, high gloss
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 Plastic 1 Yes 320 V	color of the front ring	silver
Display number of LED modules 1 General technical data product function positive opening product component light source insulation voltage rated value 320 V	Holder	
number of LED modules 1 General technical data product function positive opening Yes product component light source Yes insulation voltage rated value 320 V	material of the holder	Plastic
General technical data product function positive opening Yes product component light source Yes insulation voltage rated value 320 V	Display	
product function positive opening Product component light source Insulation voltage rated value Yes 320 V	number of LED modules	1
product component light source Yes insulation voltage rated value 320 V	General technical data	
insulation voltage rated value 320 V	product function positive opening	Yes
	product component light source	Yes
degree of pollution 3	insulation voltage rated value	320 V
	degree of pollution	3
type of voltage of the operating voltage AC/DC	type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value 4 kV	surge voltage resistance rated value	4 kV
protection class IP IP66, IP67, IP69(IP69K)	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	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
<u> </u>	(5 V, 1 mA)
Supply voltage	
type of voltage of the supply voltage of the light source	AC
supply voltage of the light source at AC	
• at 50 Hz rated value	230 V
 at 60 Hz rated value 	230 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	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)
• 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	
type of light source	LED
color of the light source	white
light intensity	900 1 400 mcd
Ambient conditions	555 1 700 Hou
ambient temperature	25 ±70 °C
during operation during storage	-25 +70 °C
during storage applicamental category during operation according to IEC.	-40 +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 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
positive tolerance of installation diameter	U.T IIIIII

mounting height	11 mm
installation width	29.5 mm
installation depth	71.7 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=3SU1156-0AB60-1FA0-Z Y12

Cax online generator

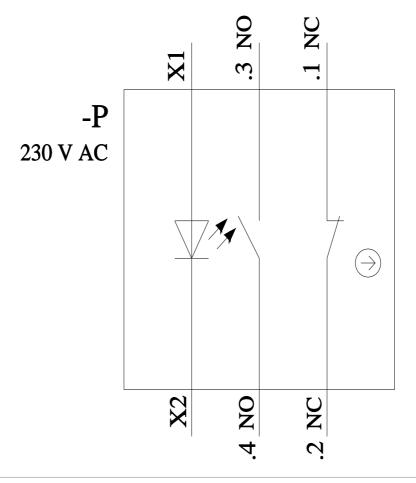
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1156-0AB60-1FA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1156-0AB60-1FA0-Z Y12

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1156-0AB60-1FA0-Z Y12&lang=en



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