3SU1152-0AB60-1BA0





Illuminated pushbutton, 22 mm, round, metal, shiny, white, pushbutton, flat, momentary contact type, with holder, 1 NO, LED module with integrated LED 24 V AC/DC screw terminal

product brand name	SIRIUS ACT
product designation	Illuminated pushbuttons
design of the product	Complete unit
product type designation	3SU1
product line	Metal, shiny, 22 mm
manufacturer's article number	
 of supplied contact module at position 1 	3SU1400-1AA10-1BA0
 of supplied LED module 	3SU1401-1BB60-1AA0
 of the supplied holder 	3SU1550-0AA10-0AA0
 of the supplied actuator 	3SU1051-0AB60-0AA0
number of command points	1
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
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
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surge voltage resistance rated value	4 kV
surge voltage resistance rated value protection class IP	
	4 kV
protection class IP	4 kV IP66, IP67, IP69(IP69K)
protection class IP • of the terminal	4 kV IP66, IP67, IP69(IP69K) IP20

• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
according to IEC 60068-2-27 vibration resistance	Siliusoidal Hall-wave Tog / TT IIIS
	10 500 Hz; 5g
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/DC
supply voltage of the light source at AC	
 at 50 Hz rated value 	24 V
at 60 Hz rated value	24 V
supply voltage 1 of the light source at DC rated value	24 V
Control circuit/ Control	
inrush current of LED module maximum	2 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	
type of light source	LED
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color of the light source	white
color of the light source	white 900 1 400 mcd
light intensity	white 900 1 400 mcd
light intensity Ambient conditions	
light intensity Ambient conditions ambient temperature	900 1 400 mcd
light intensity Ambient conditions ambient temperature • during operation	900 1 400 mcd -25 +70 °C
light intensity Ambient conditions ambient temperature • during operation • during storage	900 1 400 mcd -25 +70 °C -40 +80 °C
light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721	900 1 400 mcd -25 +70 °C
light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC	900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in
light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721	900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in
light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions	900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting
light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method	900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting
light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories	900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting
light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height	900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting 40 mm
light intensity Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height width	900 1 400 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) front plate mounting Front plate mounting 40 mm 30 mm

mounting height	11 mm
installation width	29.5 mm
installation depth	49.7 mm

Certificates/ approvals

General Product Approval

Declaration of Conformity



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping



Special Test Certific-<u>ate</u>

Type Test Certificates/Test Report







Marine / Shipping

other

Environment



Confirmation

Environmental Confirmations

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=3SU1152-0AB60-1BA0

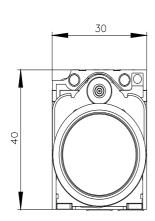
Cax online generator

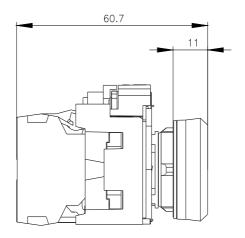
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

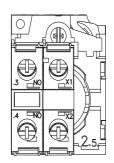
https://support.industry.siemens.com/cs/ww/en/ps/3SU1152-0AB60-1BA0

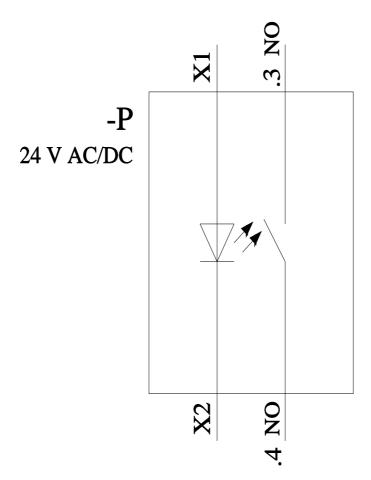
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1152-0AB60-1BA0&lang=en









last modified: 1/26/2022 🖸

