SIEMENS

Data sheet



Illuminated pushbutton, 22 mm, round, metal, shiny, red, pushbutton, flat, momentary contact type, with holder, 1NC, LED module with integrated LED 110 V AC, spring-type terminal, with laser labeling, upper case

product brand name product designation design of the product product type designation product line Metal, shiny, 22 mm manufacturer's article number of supplied contact module at position 1 of supplied contact module at position 1 of the supplied holder of the supplied holder of the supplied holder of the supplied holder of the supplied obtator supplied to 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 supplied hactuating element product component front ring design of the actuating element arking of the actuating element product component front ring design of the front ring material of the front ring subver Metal, high gloss color of the front ring 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 3 sillure Illuminated public bundle SIRUS ACT Complete unt Metal, high gloss subver Holder Yes Insulation voltage rated value 320 V		
design of the product product type designation product line manufacturer's article number • 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 actuator number of command points 1 Actuator design of the actuating element principle of operation of the actuating element principle of the actuating element principle of the actuating element principle of the actuating element product extension optional light source toler of the actuating element material of the actuating element actuating element product extension optional light source shape of the actuating element product component front ring design of the front ring design of the front ring material of the front ring design of the front ring material of the 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 Metal, high gloss product function positive opening product component light source product function positive opening yes product component light source insulation voltage rated value 320 V degree of pollution	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm manufacturer's article number of supplied contact module at position 1 supplied LED module of the supplied holder of the supplied datuator of the supplied acutator subject of the supplied acutator number of command points 1 Actuator design of the acutating element principle of operation of the acutating element product extension optional light source color of the acutating element product extension optional light source color of the acutating element material of the acutating element outer diameter of the acutating element product component front ring product component front ring fent ing product component front ring design of the front ring material of the front ring silver Holder material of the holder Display number of LED modules 1 General technical data product function positive opening yes linealing the survey yes yes linealing the survey yes yes yes yes yes yes yes yes yes y	product designation	Illuminated pushbuttons
product line Metal, shiny, 22 mm manufacturer's article number • of supplied contact module at position 1 • of supplied LED module • of supplied LED module • of the supplied holder • of the supplied actuator • of the actuating element	design of the product	Complete unit
manufacturer's article number • 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 actuator number of command points Actuator 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 material of the actuating element marking of the actuating element marking of the actuating element marking of the actuating element number of contact modules Front ring product component front ring design of the front ring feel material of the front ring material of the front ring material of the front ring feel material of the holder Display number of LED modules 1 General technical data product component light source 1 Pes product function positive opening yes product function positive opening yes product component light source 1 General technical data product function positive opening yes product component light source 1 Sautaton Yes product function positive opening Yes product component light source Yes Insulation voltage rated value 320 V degree of pollution	product type designation	3SU1
of supplied contact module at position 1 supplied LED module of the supplied holder of the supplied actuator asution 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 color of the actuating element product destructing element product destruction of the actuating element product destruction of the actuating element product diameter of the actuating element plastic shape of the actuating element product diameter of the actuating element product diameter of the actuating element product component front ring product component front ring design of the front ring material of the front ring Metal, high gloss color of the front ring product component front point plastic Plastic Plastic General technical data product component light source yes insulation voltage rated value ago V degree of pollution 3 sul1401-18C20-3AA0 4 sul14-18C20-3AA0 4 sul14-18C20-3AA0 4 sul14-18C20-3AA0 4 sul14-18C20-3AA0 4 sul14-18C20-3AA0 4 sul14-18C20-3AA0 4 sul14-18C20-AA0 4 sul14-	product line	Metal, shiny, 22 mm
of supplied LED module of the supplied holder 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 practial of the actuating element product extension optional light source color of the actuating element product extension optional light source plastic shape of the actuating element public discovery of the actuating element public discovery over the actuating element public discovery over the actuating element product diameter of the actuating element product component 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 Plastic Plastic General technical data product component light source insulation voltage rated value according to the second of the sec	manufacturer's article number	
of the supplied holder of the supplied actuator asutost-o-Abara sulfost-o-Abara sulfo	 of supplied contact module at position 1 	3SU1400-1AA10-3CA0
of the supplied actuator number of command points 1 Actuator design of the actuating element	 of supplied LED module 	3SU1401-1BC20-3AA0
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 red material of the actuating element plastic shape 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 Metal, high gloss color of the front ring sliver Holder material of the holder Plastic Display number of LED modules 1 General technical data product function positive opening Yes insulation voltage rated value 320 V degree of pollution 3	 of the supplied holder 	3SU1550-0AA10-0AA0
Actuator Button, flat principle of operation of the actuating element momentary contact type product extension optional light source Yes color of the actuating element red 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	of the supplied actuator	3SU1051-0AB20-0AA0
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 red 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 Standard material of the front ring sliver Holder material of the holder Plastic Display number of LED modules 1 General technical data product function positive opening Yes insulation voltage rated value 320 V degree of pollution 3	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 shape of the actuating element outer diameter of the actuating element arking of the actuating element 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 element material of the holder Metal, high gloss color of the front positive opening product component light source yes insulation voltage rated value degree of pollution Metal, high gloss yes product component light source Yes insulation voltage rated value 320 V degree of pollution	Actuator	
product extension optional light source 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 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 1 General technical data product component light source yes insulation voltage rated value degree of pollution 7 yes yes yes yes yes insulation voltage rated value accolor of the actuating element round round round round round round round plastic Plastic Yes insulation voltage rated value accolor of the front ring yes yes insulation voltage rated value accolor of yes insulation voltage rated value	design of the actuating element	Button, flat
color of the actuating element plastic material 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 component light source Yes insulation voltage rated value 320 V degree of pollution 3	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 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 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 degree of pollution 3	product extension optional light source	Yes
shape of the actuating element outer diameter of the actuating element arrking of the actuating element 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 material of the holder Plastic Display number of LED modules 1 General technical data product component light source insulation voltage rated value again out the sound in the s	color of the actuating element	red
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 Holder material of the holder Display number of LED modules 1 General technical data product component light source insulation voltage rated value 320 V degree of pollution	material of the actuating element	plastic
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 Metal, high gloss color of the front ring material of the holder Plastic Display number of LED modules Fonduct function positive opening product component light source insulation voltage rated value degree of pollution Any inscription, text in upper case 1 Pes Standard Metal, high gloss silver Plastic Plastic Plastic Yes 320 V degree of pollution	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 Holder material of the holder Plastic Display number of LED modules foeneral technical data product function positive opening product component light source insulation voltage rated value degree of pollution Yes 1	outer diameter of the actuating element	29.45 mm
product component 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 product function positive opening product component light source insulation voltage rated value degree of pollution Yes Standard Metal, high gloss silver Plastic Plastic Plastic Plastic Yes 1 Yes 320 V degree of pollution 3	marking of the actuating element	Any inscription, text in upper case
product component front ring design of the front ring material 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 Yes Standard Metal, high gloss silver Plastic Plastic 1 General technical data Yes 320 V degree of pollution	number of contact modules	1
design of the front ring material of the front ring Metal, high gloss color of the front ring Holder material of the holder Plastic Display number of LED modules froduct function positive opening product component light source insulation voltage rated value degree of pollution Standard Metal, high gloss silver Plastic Plastic 1 General technical data Yes yes 320 V degree of pollution	Front ring	
material of the front ring material of the front ring Holder material of the holder Plastic Display number of LED modules formula data product function positive opening product component light source insulation voltage rated value degree of pollution Metal, high gloss silver Plastic Plastic 1 Yes 1 320 V degree of pollution	product component front ring	Yes
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 silver Plastic 1 Yes 1 320 V degree of pollution	design of the front ring	Standard
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 Plastic Plastic Yes 1 320 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 degree of pollution Plastic Plastic Plastic Plastic	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 degree of pollution 3	Holder	
number of LED modules General technical data product function positive opening	material of the holder	Plastic
General technical data product function positive opening Yes product component light source Yes insulation voltage rated value 320 V degree of pollution 3	Display	
product function positive opening Product component light source Product component light sour	number of LED modules	1
product component light source insulation voltage rated value degree of pollution Yes 320 V 3	General technical data	
insulation voltage rated value 320 V degree of pollution 3	product function positive opening	Yes
degree of pollution 3	product component light source	Yes
·	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	of the terminal	IP20
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
	(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 	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	1
number of NO contacts for auxiliary contacts	0
Connections/ Terminals	
type of electrical connection	spring-loaded terminals
of modules and accessories	Spring-type terminal
type of connectable conductor cross-sections	
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 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
	1 1.2 IV III
Lamp	LED
type of light source	LED
color of the light source	red 450 4120 mod
light intensity	450 1 120 mcd
Ambient conditions	
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, 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).

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=3SU1153-0AB20-3CA0-Z Y11

Cax online generator

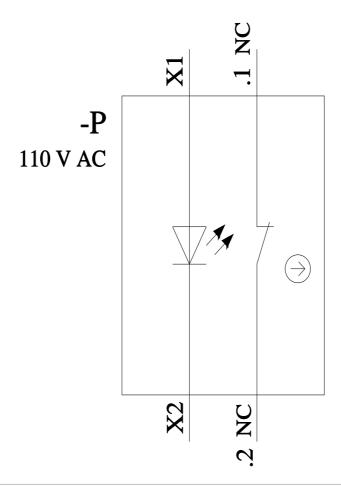
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1153-0AB20-3CA0-Z\ Y11}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-0AB20-3CA0-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=3SU1153-0AB20-3CA0-Z Y11&lang=en



last modified:

1/26/2022

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

A6X30144383