# **SIEMENS**

## **Data sheet**



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

product train 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 SSU1400-1AA10-1BA0 SSU1400-1AA		
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 LED module • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the supplied actuator  • of the actuating element  product extension optional light source  • Yes  color of the actuating element  material of the actuating element  outer diameter of the actuating element  outer diameter of the actuating element  outer diameter of the actuating element  product component front ring  outer diameter of the actuating element  customized labelling, text in lower case letters  number of contact modules  • 1  Front ring  product component front ring  design of the front ring  Actuator  Metal, high gloss  color of the front ring  sliver  Holder  material of the holder  Display  number of LED modules  • 1  General technical data  product component light source  Yes  insulation voltage rated value  degree of pollution  3  Yes of the supplied LED modules  • OND  No  Poduct component light source  Yes  insulation voltage rated value  degree of pollution  3  Yepe of voltage of the operating voltage  AC/DC  surge voltage resistance rated value  4 kV	product brand name	SIRIUS ACT
product type designation product line Metal, shiny, 22 mm  Metal, shiny, 22 m	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 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 material of the actuating element product extension optional light source outer diameter of the actuating element protect extension optional light source outer diameter of the actuating element protect extension optional light source outer diameter of the actuating element protect extension optional light source outer diameter of the actuating element outer diameter of the actuating element protect contact modules  1 customized labeling, text in lower case letters number of contact modules 1 front ring product component front ring design of the front ring Actuating element material of the front ring color of the front ring silver  Holder material of the front ring material of the holder  Display number of LED modules 1 General technical data product tomponent light source Yes insulation voltage rated value degree of pollution 3 Yes of supplied voltage rated value 4 kV	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 actuator  • 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  material of the actuating element  pastic  shape of the actuating element  marking of the actuating element  marking of the actuating element  couter diameter 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  Metal, high gloss  color of the front positive opening  No  product component light source  Yes  General technical data  product function positive opening  No  product component light source  Yes  Insulation voltage rated value  degree of pollution  yes of voltage of the operating voltage  AC/DC  surge voltage resistance rated value  4 kV	product type designation	3SU1
of supplied LED module of supplied LED module of the supplied holder supplied actuator of the supplied actuator supplied actuator supplied actuator supplied actuator  number of command points  1  Actuator  design of the actuating element product extension optional light source color of the actuating element shape of the actuating element material of the actuating element marking of the actuating element cushing	product line	Metal, shiny, 22 mm
of supplied LED module of the supplied holder 3SU1550-0AA10-0AA0  of the supplied actuator 3SU1051-0AB00-0AA0  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 material of the actuating element shape of the actuating element marking of the actuating element product component front ring design of the front ring material of the front ring material of the holder product component front ring material of the holder product component front ring material of the holder product component front ring material of the source material of the holder  Display number of LED modules  General technical data product function positive opening product component light source residence of pollution yes of the portaling voltage AC/DC surge voltage resistance rated value 4 kV	manufacturer's article number	
of the supplied holder of the supplied actuator  subject of the supplied actuator  number of command points  design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element part of the actuating element pound outer diameter of the actuating element product extension optional light source shape of the actuating element outer diameter of the actuating element product extension optional light source shape of the actuating element outer diameter of the actuating element product description of the actuating element product component front ring product component front ring design of the front ring slandard material of the front ring material of the front ring product component front ring tolor of the front ring product component front ring sliver  Holder material of the holder  Plastic  Display  number of LED modules  foneral technical data product function positive opening product component light source yes insulation voltage rated value 4 kV  surge voltage fresistance rated value 4 kV	<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-1BA0
of the supplied actuator  number of command points  Actuator  design of the actuating element	<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BC00-1AA0
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 amber material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element Customized labeling, text in lower case letters 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 Display number of LED modules 1  General technical data product component light source Yes insulation voltage rated value 4 kV  Surge voltage resistance rated value  4 kV	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
Actuator   Button, flat   Button, flat   principle of operation of the actuating element   momentary contact type   product extension optional light source   Yes   color of the actuating element   amber   material of the actuating element   plastic   shape of the actuating element   round   outer diameter of the actuating element   Customized labeling, text in lower case letters   number of contact modules   1	of the supplied actuator	3SU1051-0AB00-0AA0
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 amber 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 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 type of voltage of the operating voltage surge voltage resistance rated value 4 kV	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 plastic customized labeling, text in lower case letters number of contact modules  Front ring product component front ring design of the front ring material of the front ring whetal, high gloss color of the front ring 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 degree of pollution 3 type of voltage resistance rated value 4 kV	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  round outer diameter of the actuating element marking of the actuating element  customized labeling, text in lower case letters 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 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 4 kV	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 customized labeling, text in lower case letters 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 material of the holder  Plastic  Display number of LED modules 1  General technical data 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 4 kV	principle of operation of the actuating element	momentary contact type
material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element customized labeling, text in lower case letters 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  Metal, high gloss color of the holder Plastic  Display number of LED modules 1  General technical data product (unponent light source insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value 4 kV	product extension optional light source	Yes
shape of the actuating element outer diameter of the actuating element marking of the actuating element customized labeling, text in lower case letters 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 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 320 V  degree of pollution surge voltage resistance rated value 4 kV	color of the actuating element	amber
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 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  4 kV  surge voltage resistance rated value  4 kV	material of the actuating element	plastic
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 silver  Holder material of the holder  Display  number of LED modules  feneral technical data product function positive opening product component light source insulation voltage rated value  type of voltage of the operating voltage surge voltage resistance rated value  1  Customized labeling, text in lower case letters  1  Customized labeling, text in lower case letters  1  Lustomized labeling, text in lower case labeling.  1  Lustomized labeling, text in lower case labeling label	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  color 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  degree of pollution  surge voltage resistance rated value  4 kV	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 1  General technical data product function positive opening product component light source insulation voltage rated value 320 V  degree of pollution surge voltage of the operating voltage surge voltage resistance rated value 4 kV	marking of the actuating element	Customized labeling, text in lower case letters
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  3  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV	number of contact modules	1
design of the front ring 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 product component light source insulation voltage rated value  degree of pollution 3  type of voltage of the operating voltage surge voltage resistance rated value  4 kV	Front ring	
material of the front ring  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  4 kV	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  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV	design of the front ring	Standard
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  type of voltage of the operating voltage surge voltage resistance rated value  4 kV	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  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV	color of the front ring	silver
Display number of LED modules  General technical data  product function positive opening     No 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	Holder	
number of LED modules  General technical data  product function positive opening     No  product component light source     Yes  insulation voltage rated value  degree of pollution     3  type of voltage of the operating voltage  surge voltage resistance rated value  4 kV	material of the holder	Plastic
product function positive opening product component light source yes insulation voltage rated value degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  4 kV	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  AC/DC	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  Yes  320 V  AC/DC  4 kV	General technical data	
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	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	product component light source	Yes
type of voltage of the operating voltage AC/DC surge voltage resistance rated value 4 kV	insulation voltage rated value	320 V
surge voltage resistance rated value 4 kV	degree of pollution	3
	type of voltage of the operating voltage	AC/DC
protection class IP IP66, IP67, IP69(IP69K)	surge voltage resistance rated value	4 kV
	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
<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	
<ul> <li>at 50 Hz rated value</li> </ul>	110 V
<ul> <li>at 60 Hz rated value</li> </ul>	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	, , , , , , , , , , , , , , , , , , ,
<ul> <li>solid with core end processing</li> </ul>	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	5.5 5.6 11111
type of light source	LED
color of the light source	amber
light intensity	450 1 120 mcd
Ambient conditions	700 1 120 III00
ambient temperature	05 170 %
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	2 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
fastening method	front plate mounting
	Front plate mounting
	Trong plate injuniting
of modules and accessories	
height	40 mm
height width	40 mm 30 mm
height width shape of the installation opening	40 mm 30 mm round
height width	40 mm 30 mm

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

#### 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=3SU1153-0AB00-1BA0-Z Y12

## Cax online generator

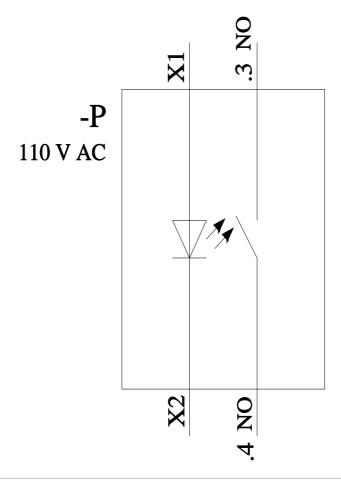
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1153-0AB00-1BA0-Z\ Y12}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-0AB00-1BA0-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=3SU1153-0AB00-1BA0-Z Y12&lang=en



last modified: 1/26/2022 🖸