# **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, spring-type terminal, with laser labeling, upper case

product brand name   SIRUS ACT		
design of the product product type designation product line Metal, shiny, 22 mm Metal, shiny, 22 mm Metal, shiny, 22 mm Metal, shiny, 22 mm  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 supplied Actuator  design of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element white material of the actuating element narking of the actuating element narking of the actuating element arking of the actuating element number of contact modules  1 Front ring product component front ring design of the front ring slandard material of the front ring sliver  Metal, high gloss color of the Indian Standard material of the holder Plastic  Display number of LED modules 1 General technical data product component light source Yes insulation voltage rated value 4 kV protection class IP  ### Of the terminal  ### Protection class IP ### Of the terminal  ### Of supplied LED modules  ### Of the terminal  #### Of the terminal  #### Of the terminal  #### Of supplied LED modules  #### Of the terminal  #### Of the terminal  #### Of the terminal  ##### Of the terminal  ##### Of the terminal  ###################################	product brand name	SIRIUS ACT
product type designation  product line  Metal, shiny, 22 mm  manufacturer's article number  of supplied LED module of the supplied LED module of the supplied Activator of the supplied Activator of the supplied Activator subject of the supplied Activator  design of the actuating element principle of operation of the actuating element product extension optional light source value actuating element material of the actuating element shape of the actuating element parking of the actuating element product actuating element actuating of the actuating element product actuating element actuating of the actuating element principle of operation of the actuating element product actuating element product actuating element parking of the actuating element actuating actuating	product designation	Illuminated pushbuttons
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 contact module at position 1 • of the supplied holder • of the supplied actuator 3SU1550-0AA10-0AA0  number of command points 1  Actuator  design of the actuating element principle of operation of the actuating element principle of operation of the actuating element principle of operation of the actuating element white material of the actuating element actuating element outer diameter of the actuating element plastic shape of the actuating element outer diameter of the actuating element arriving of the actuating element arriving of the actuating element outer diameter of the actuating element Any inscription, text in upper case number of contact modules 1  Front ring  Front ring  yes design of the front ring design of the front ring Metal, high gloss silver  10iolor 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 1 yep of voltage of the operating voltage 4 kV protection class IP 1 P66 (IP67, IP69(IP69K) 1 P20  • of the terminal	design of the product	Complete unit
manufacturer's article number  of supplied contact module at position 1  of supplied LED module  of the supplied actuator  sulfato-1BF60-3AA0  of the supplied actuator  sulfato-1BF60-3AA0  author-1BF60-3AA0  author-1BF60-3	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 cutator  • of the supplied cutator  sulf50-0AA10-0AA0 • of the supplied dutator  number of command points  1  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  public shape of the actuating element  outer diameter of the actuating element  number of contact modules  1  Front ing  product component front ring  design of the front ring  material of the front ring  material of the front ring  material of the holder  plastic  Standard  material of the holder  Plastic  Display  number of LED modules  1  Ceneral technical data  product component light source  Yes  Ceneral technical data  product component light source  Yes  insulation voltage rated value  4 kV  protection class IP  i P66, IP67, IP69(IP69K)  of the terminal	product line	Metal, shiny, 22 mm
of supplied LED module of the supplied actuator supplied actuator 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 shape of the actuating element white 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 material of the holder product omponent front ring Metal, high gloss color of the front ring Metal, high gloss color of the front ring silver  Metal, high gloss 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 component light source Yes product component light source Yes product function positive opening Yes product function positive opening Yes product component light source Yes product function positive opening Yes product function positive opening Yes product opening Yes product opening Yes product opening Yes product function positive opening Yes product function positive opening Yes product opening Y	manufacturer's article number	
of the supplied holder of the supplied actuator submer of command points  Actuator  design of the actuating element principle of operation of the actuating element product extension optional light source the actuating element material 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 product component front ring yes design of the front ring shape design of the front ring Metal, high gloss color of the front ring where shape of the front ring plastic shape of the bolder product function positive opening yes product component light source yes insulation voltage rated value gree of pollution shape of voltage of the operating voltage surge voltage resistance rated value of the terminal shape of the terminal place of pollution place of the terminal place of the terminal	<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-3FA0
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 material of the actuating element parking 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 sliver  Holder material of the holder plastic  Seneral technical data product function positive opening product component light source surge product function positive opening yes product function positive opening yes product component light source insulation voltage rated value 320 V degree of pollution type of voltage resistance rated value e of the terminal  Plastic Plast	<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BF60-3AA0
number of command points 1  Actuator  design of the actuating element momentary contact type principle of operation of the actuating element white product extension optional light source Yes color of the actuating element white material 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 sliver 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 yer lefel, per lefe	<ul> <li>of the supplied holder</li> </ul>	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 white 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  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 yes of the contact yellow and the protection class IP of the terminal PP66, IP67, IP69(IP69K) protection class IP of the terminal	of the supplied actuator	3SU1051-0AB60-0AA0
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 white 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 function positive opening 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 of the terminal insulation voltage resistance rated value 1P20	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 product extension optional light source outer diameter of the actuating element parking of the actuating element arking of the actuating element arking 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 function positive opening 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 e of the terminal  Pe66, IP67, IP69(IP69K)  Ple66 iP67, IP69(IP69K)  Ple66 iP67, IP69(IP69K)  Pe of the terminal	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 narking of the actuating element Any inscription, text in upper case 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  Display number of LED modules  1  Ceneral technical data 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 of the terminal  Ple66, IP67, IP69(IP69K)  IP20	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 function positive opening 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 e of the terminal	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 arking of the actuating element arking of the actuating element arking 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 Metal, high gloss color of the front ring material of the holder  Blastic  Display number of LED modules 1  General technical data product component light source insulation voltage rated value 4 & V  gere voltage of the operating voltage surge voltage resistance rated value  out of the terminal  plastic  Plastic  Acidoc  surge voltage resistance rated value of the terminal  product concession and actuating element round rou	product extension optional light source	Yes
shape of the actuating element 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 Metal, high gloss color of the front ring silver material 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	color of the actuating element	white
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 320 V degree of pollution type of voltage of the operating voltage surge voltage resistance rated value  • of the terminal	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  material of the front ring  Metal, high gloss  color 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  surge voltage resistance rated value  4 kV  protection class IP of the terminal  Any inscription, text in upper case  1  Pes  4 wy inscription, text in upper case  1  Yes  4 wy inscription, text in upper case  1  Yes  4 kV  Protection class IP iP66, IP67, IP69(IP69K) iP20	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  Ceneral technical data  product function positive opening  yes  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  protection class IP  of the terminal	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  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Plastic  Display  1  General technical data  yes silver  1  General technical data  product function positive opening yes silver  Ac/DC surge voltage resistance rated value 4 kV  protection class IP of the terminal	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 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  Yes  AC/DC  surge voltage resistance rated value of the terminal	number of contact modules	1
design of the front ring material of the front ring material of the front ring  color 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 degree of pollution 3 type of voltage of the operating voltage surge voltage resistance rated value  protection class IP of the terminal  Standard  Metal, high gloss  Metal, high gloss  Metal, high gloss  Hetal, high gloss  Hetal, high gloss  Hetal, high gloss  Flag  Metal, high gloss  1  Pes  Metal, high gloss  1  AC/DC	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 Yes 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	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 Yes  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 Yes  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	material of the front ring	Metal, high gloss
Display         number of LED modules       1         General technical data         product function positive opening       Yes         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
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  protection class IP of the terminal  1  1  1  1  1  1  1  1  1  1  1  1  1	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  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  Yes  320 V  320 V  AC/DC  \$\text{4 kV}  \$\text{Protection class IP}  IP66, IP67, IP69(IP69K)  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  Yes  Yes  320 V  AC/DC  4 kV  Protection class IP  IP66, IP67, IP69(IP69K)  IP20	number of LED modules	1
product component light source  insulation voltage rated value  320 V  degree of pollution  3  type of voltage of the operating voltage  AC/DC  surge voltage resistance rated value  protection class IP  of the terminal  IP20  Yes  320 V  AC/DC  4 kV  IP66, IP67, IP69(IP69K)  IP66, IP67, IP69(IP69K)	General technical data	
insulation voltage rated value  degree of pollution  type of voltage of the operating voltage  AC/DC  surge voltage resistance rated value  protection class IP  of the terminal  insulation voltage rated value  AC/DC  LEFT RESIDENT RESID	product function positive opening	Yes
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	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
supply voltage of the light source at AC	
<ul> <li>at 50 Hz rated value</li> </ul>	230 V
<ul> <li>at 60 Hz rated value</li> </ul>	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	spring-loaded terminals
of modules and accessories	Spring-type terminal
type of connectable conductor cross-sections	
<ul> <li>solid without core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.25 0.75 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	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
Lamp	
type of light source	LED
color of the light source	white
light intensity	900 1 400 mcd
Ambient conditions	
ambient temperature	
during operation	-25 +70 °C
during operation     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

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).

71.7 mm

### 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=3SU1156-0AB60-3FA0-Z Y11

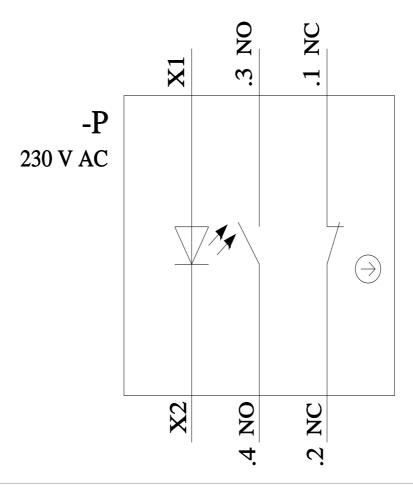
Cax online generator

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1156-0AB60-3FA0-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=3SU1156-0AB60-3FA0-Z Y11&lang=en



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