Data sheet

SIEMENS

3SU1106-0AB40-3FA0-Z Y19





Illuminated pushbutton, 22 mm, round, plastic, green, 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, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)



product type designation design of the product product type designation product type designation 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 actuator number of command points 1 Actuator design of the actuating element principle of operation of the actuating element product extension optional light source codor of the actuating element shape of the actuating element material of the actuating element product diameter of the actuating element product diameter of the actuating element product glameter of the actuating element couter diameter of the actuating element product glameter of the actuating element product glameter of the actuating element pouter diameter of the actuating element couter diameter of the actuating element pouter diameter of the actuating element pouter diameter of the actuating element product form actuating element plastic product component front ring plastic pl	product brand name	SIRIUS ACT
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product line	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 actuator of the supplied actuator assurion-oada of the supplied actuator assurion-oada assurion-oada of the supplied actuator assurion-oada assuri	product type designation	3SU1
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of supplied LED module of the supplied holder 3SU1550-0AA10-0AA0 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 shape 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 diameter of the actuating element parking of the actuating element couter diameter of the actuating element product component front ring yes design of the front ring product component front ring design of the front ring plastic color of the front ring black tolder material of the front ring plastic color of the front ring plastic color of the front ring black tolder material of the holder plastic color of the front ring plastic color of the front ring tolack tolder material of the holder plastic color of the front ring plastic color of the front ring tolack t	manufacturer's article number	
of the supplied holder of the supplied actuator number of command points Actuator design of the actuating element product extension optional light source color of the actuating element shape 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 pouter diameter of the actuating element pouter diameter of the actuating element couter diameter of the actuating element product extension optional light source shape of the actuating element couter diameter of the actuating element couter diameter of the actuating element configuration/Configuration Identification Number (CIN) number of contact modules 1 Front ring product component front ring design of the front ring plastic color of the front ring plastic color of the front ring black Holder material of the holder Display number of LED modules 1 Ceneral technical data product function positive opening Yes insulation voltage rated value 320 V degree of pollution 3	 of supplied contact module at position 1 	3SU1400-1AA10-3FA0
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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 green 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 or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 Front ring product component front ring Yes design of the front ring Standard material of the front ring plastic color of the front ring plastic color of the front ring 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
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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 or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 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 3 green plastic Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) 1 Plastic Display Yes Yes Insulation voltage rated value 320 V degree of pollution	principle of operation of the actuating element	momentary contact type
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outer diameter of the actuating element marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black 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 29.45 mm Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configuration lethification Number (CIN) 1 Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configuration Number (CIN) 1 Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configuration lethification Number (CIN) 1 Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configuration lethification Number (CIN) 1 Front ring Yes Plastic Display number of LED modules 1 General technical data product component light source yes insulation voltage rated value 320 V	material of the actuating element	plastic
marking of the actuating element Customized labeling, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) number of contact modules 1 Front ring product component front ring	shape of the actuating element	round
configurator/Configuration Identification Number (CIN) number of contact modules 1 Front ring product component front ring	outer diameter of the actuating element	29.45 mm
product component front ring product component front ring design of the front ring Material of the front ring Display Number of LED modules Product function positive opening product component light source insulation voltage rated value degree of pollution Yes Standard Plastic Display Plastic Plastic 1 General technical data Yes jenduct function positive opening Yes jenduct component light source insulation voltage rated value degree of pollution 3	marking of the actuating element	
product component front ring design of the front ring material of the front ring plastic color of the front ring black 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 Standard Plastic Plastic Plastic Plastic Plastic Yes 1 320 V	number of contact modules	1
design of the front ring material of the front ring plastic color of the front ring black 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	Front ring	
material of the front ring plastic color of the front ring black 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	product component front ring	Yes
color of the front ring black 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	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 Plastic 1 Yes 1 320 V degree of pollution 3 3	material of the front ring	plastic
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	color of the front ring	black
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	Holder	
number of LED modules General technical data product function positive opening product component light source insulation voltage rated value degree of pollution 1 Yes 320 V degree of pollution 3	material of the holder	Plastic
product function positive opening product component light source insulation voltage rated value degree of pollution Yes 320 V	Display	
product function positive opening Product component light source Product function positive opening Product component light source Product compo	number of LED modules	1
product component light source insulation voltage rated value degree of pollution Yes 320 V 320 V	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
type of voltage of the operating voltage AC/DC	degree of pollution	3
	type of voltage of the operating voltage	AC/DC

SIRIUS ACT

curso voltago registance reted value	4 bV
surge voltage resistance rated value	4 kV
protection class IP	IP66, IP67, IP69(IP69K)
• 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
for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 500 Hz: 5g
for railway applications according to EN 61373	Category 1, Class B
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	\$
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
Supply voltage	(5 V, 1 mA)
	AC
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 at 60 Hz rated value	
Control circuit/ Control	230 V
Control circuit/ Control	
in make a sum of a file ED mandale mandanana	2.4
inrush current of LED module maximum	3 A
Auxiliary circuit	
Auxiliary circuit design of the contact of auxiliary contacts	Silver alloy
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	Silver alloy 1
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	Silver alloy
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals	Silver alloy 1 1
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 spring-loaded terminals
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories	Silver alloy 1 1
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections	Silver alloy 1 1 spring-loaded terminals Spring-type terminal
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing	Silver alloy 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²)
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing	Silver alloy 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²)
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing	Silver alloy 1 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables	Silver alloy 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables tightening torque of the screws in the bracket	Silver alloy 1 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables tightening torque of the screws in the bracket Lamp	Silver alloy 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables tightening torque of the screws in the bracket Lamp type of light source color of the light source	Silver alloy 1 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables tightening torque of the screws in the bracket Lamp type of light source color of the light source light intensity	Silver alloy 1 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED green 900 1 800 mcd
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED green 900 1 800 mcd
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED green 900 1 800 mcd
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED green 900 1 800 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED green 900 1 800 mcd
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables tightening torque of the screws in the bracket Lamp type of light source color of the light source light intensity Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Environmental footprint	Silver alloy 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED green 900 1 800 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)
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED green 900 1 800 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) Yes
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing for AWG cables tightening torque of the screws in the bracket Lamp type of light source color of the light source light intensity Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Environmental footprint	Silver alloy 1 1 spring-loaded terminals Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m LED green 900 1 800 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)

Global Warming Potential [CO2 eq] during operation	0.235 kg
Global Warming Potential [CO2 eq] after end of life	-0.015 kg
Siemens Eco Profile (SEP)	Siemens EcoTech
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	71.7 mm
Approvals Certificates	

General Product Approval Test Certificates



Confirmation





Type Test Certificates/Test Report

Special Test Certific-

Marine / Shipping other **Environment**









Confirmation



Environment



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=3SU1106-0AB40-3FA0-Z Y19

Cax online generator

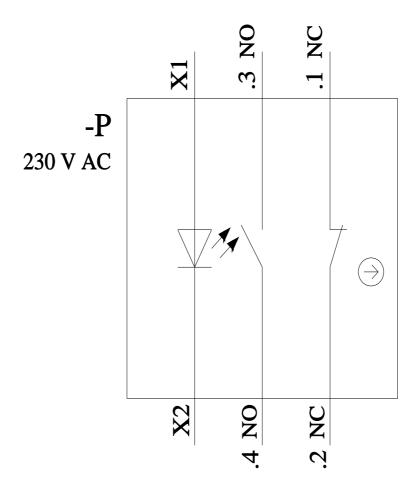
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1106-0AB40-3FA0-Z\ Y19}$

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-0AB40-3FA0-Z Y19

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1106-0AB40-3FA0-Z Y19&lang=en



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