3SU1136-0AB50-1FA0-Z Y15

Data sheet



Illuminated pushbutton, 22 mm, round, plastic with metal front ring, blue, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 230 V AC, screw terminal, with laser labeling, upper case and lower case, Always upper case at the beginning of the word

product designation design of the product product type designation product type designation product tine manufacturer's article number of supplied contact module at position 1 of the supplied aduator of the supplied aduator assuriasso-QAA10-QAA0 of the supplied aduator 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 yes color of the actuating element material of the actuating element material of the actuating element marking of the actuating element marking of the actuating element couter diameter of the actuating element marking of the actuating element couter diameter of the actuating element marking of the actuating element couter diameter of the actuating element product component front ring product component front ring Standard material of the front ring sand gray Holder material of the front ring Metal, matt color of the front ring Metal, matt color of the front ring Metal, matt product function positive opening product oronogenent light source Yes insulation voltage rated value degree of pollution 3 a AC/IDC surge voltage resistance rated value 4 kV protection class IP of the terminal IP20, clamping screw tightened	product brand name	SIRIUS ACT
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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)	product component light source	Yes
type of voltage of the operating voltage AC/DC surge voltage resistance rated value protection class IP AC/DC 4 kV IP66, IP67, IP69(IP69K)	insulation voltage rated value	320 V
surge voltage resistance rated value 4 kV protection class IP IP66, IP67, IP69(IP69K)	degree of pollution	3
protection class IP IP66, IP67, IP69(IP69K)	type of voltage of the operating voltage	AC/DC
	surge voltage resistance rated value	4 kV
• of the terminal IP20, clamping screw tightened	protection class IP	IP66, IP67, IP69(IP69K)
	of the terminal	IP20, clamping screw tightened

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	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
oomaat tonability	(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	230 V
at 60 Hz rated value	230 V
Control circuit/ Control	
Control circuit/ Control	
	3 A
inrush current of LED module maximum	3 A
inrush current of LED module maximum Auxiliary circuit	
inrush current of LED module maximum Auxiliary circuit design of the contact of auxiliary contacts	Silver alloy
inrush current of LED module maximum Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	Silver alloy 1
inrush current of LED module maximum 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
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inrush current of LED module maximum 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
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inrush current of LED module maximum 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 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m LED blue 280 710 mcd
inrush current of LED module maximum 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 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m LED blue 280 710 mcd
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inrush current of LED module maximum 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 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m LED blue 280 710 mcd -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in
inrush current of LED module maximum 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 with 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 tightening torque with screw-type terminals 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 Installation/ mounting/ dimensions	Silver alloy 1 1 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (1.0 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m LED blue 280 710 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)
inrush current of LED module maximum 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 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m LED blue 280 710 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)

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
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=3SU1136-0AB50-1FA0-Z Y15

Cax online generator

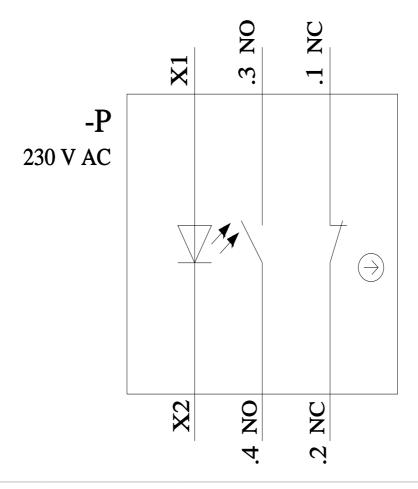
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1136-0AB50-1FA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1136-0AB50-1FA0-Z Y15

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1136-0AB50-1FA0-Z Y15&lang=en



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