3SU1100-2BL60-3LA0-Z X90

Data sheet



Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 3 switch positions I-O-II, latching, 10:30h/12h/13:30h, with holder, 2 x 1 NO+1 NC, spring-type terminal, Z=20-unit packaging

product designation design of the product Complete unit product type designation product type designation 3SU1 product line manufacturer's article number • of supplied contact module at position 1 • of supplied contact module at position 2 • of the supplied contact module at position 2 • of the supplied contact module at position 2 • of the supplied actuator • of the supplied actuator Indicator of the supplied actuator Enclosure 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 white material of the actuating element outer diameter of the actuating element outer diameter of the actuating element outer diameter of the actuating element shape of the actuating element outer diameter of the actuating element actuating angle • clockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise • anticlockwise material of the front ring design of the front ring plastic color of the front ring material of the holder plastic Display number of LED modules 0 Ceneral technical data product component light source No insulation voltage rated value Pool V	product brand name	SIRIUS ACT
product type designation product line Plastic, black, 22 mm manufacturer's article number • of supplied contact module at position 1 • of supplied contact module at position 2 • of the supplied holder	product designation	Selector switches
product line manufacturer's article number of supplied contact module at position 1 of supplied contact module at position 2 substance of the supplied contact module at position 2 of the supplied contact module at position 2 substance of the supplied actuator of the supplied actuator substance of the supplied actuator Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element latching, 2x45" (10:30 h/12 h/13:30 h) 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 32.3 mm number of contact modules 2 number of switching positions 3 actuating angle • clockwise 45" • anticlockwise 45" Front ring product component front ring plastic color of the front ring	design of the product	Complete unit
manufacturer's article number of supplied contact module at position 1 of supplied contact module at position 2 of the supplied holder of the supplied holder of the supplied actuator Enclosure number of command points 1 Actuator design of the actuating element principle of operation of the actuating element product extension optional light source shape of the actuating element material of the actuating element number of contact modules actuating alement product extension optional selement shape of the actuating element number of switching positions actuating angle olockwise actuating angle olockwise anticlockwise front ring product component front ring design of the front ring plastic black Holder material of the holder Plastic Display number of LED modules 0 General technical data product component light source No	product type designation	3SU1
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of the supplied actuator	 of supplied contact module at position 2 	3SU1400-1AA10-3FA0
Enclosure number of command points Actuator design of the actuating element	 of the supplied holder 	3SU1550-0AA10-0AA0
number of command points 1 Actuator design of the actuating element Selector, short principle of operation of the actuating element latching, 2x45° (10:30 h/12 h/13:30 h) 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 32:3 mm number of contact modules 2 number of switching positions 3 actuating angle • clockwise 45° • anticlockwise 45° Front ring product component front ring standard material of the front ring plastic color of	 of the supplied actuator 	3SU1002-2BL60-0AA0
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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 number of contact modules actuating angle clockwise shape of twe actuating element outer diameter of the actuating element 32.3 mm number of switching positions actuating angle clockwise 45° anticlockwise 45° Front ring product component front ring design of the front ring material of the front ring black Holder material of the holder Display number of LED modules General technical data product component light source Yes Yes Yes Plastic Display number of LED modules O General technical data Product component light source No	design of the actuating element	Selector, short
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number of contact modules number of switching positions actuating angle clockwise anticlockwise anticlockwise anticlockwise 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 O General technical data product component light source No	shape of the actuating element	round
number of switching positions actuating angle clockwise 45° anticlockwise 45° front ring product component front ring design of the front ring material of the front ring plastic color of the front ring material of the holder Plastic Display number of LED modules product function positive opening product component light source 3 45° 45° Yes standard plastic plastic black Plastic Plastic	outer diameter of the actuating element	32.3 mm
actuating angle • clockwise • anticlockwise 45° 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 Plastic Display number of LED modules General technical data product function positive opening product component light source No	number of contact modules	2
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number of LED modules General technical data product function positive opening Yes product component light source No	material of the holder	Plastic
General technical data product function positive opening Yes product component light source No	Display	
product function positive opening Product component light source Yes No	number of LED modules	0
product component light source No	General technical data	
	product function positive opening	Yes
insulation voltage rated value 500 V	product component light source	No
	insulation voltage rated value	500 V
degree of pollution 3	degree of pollution	3

type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	
of the terminal	IP66, IP67, IP69(IP69K) IP20
degree of protection NEMA rating shock resistance	1, 2, 3, 3R, 4, 4X, 12, 13
	sinussidal half ways 15g / 11 mg
• 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	40 500 Hz. 5~
according to IEC 60068-2-6 for raily and applications according to EN 61373.	10 500 Hz: 5g
for railway applications according to EN 61373	Category 1, Class B
operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical	1 000 000
electrical endurance (switching 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)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	2
Connections/ Terminals	
type of electrical connection	spring-loaded terminals
	spring remain terminals
of modules and accessories	Spring-type terminal
of modules and accessories type of connectable conductor cross-sections	
type of connectable conductor cross-sections	Spring-type terminal
type of connectable conductor cross-sections • solid without core end processing	Spring-type terminal 2x (0.25 1.5 mm²)
 type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing 	Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²)
 type of connectable conductor cross-sections solid without core end processing finely stranded with core end processing finely stranded without core end processing 	Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
type of connectable conductor cross-sections	Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
type of connectable conductor cross-sections	Spring-type terminal 2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
type of connectable conductor cross-sections	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
type of connectable conductor cross-sections	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
type of connectable conductor cross-sections	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
type of connectable conductor cross-sections	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 300 000
type of connectable conductor cross-sections	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 300 000 20 % 20 %
type of connectable conductor cross-sections	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 300 000 20 % 20 %
type of connectable conductor cross-sections	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 300 000 20 % 20 %
type of connectable conductor cross-sections	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 300 000 20 % 20 % 100 FIT
type of connectable conductor cross-sections	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 300 000 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
type of connectable conductor cross-sections	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 300 000 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C
type of connectable conductor cross-sections	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 300 000 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
type of connectable conductor cross-sections	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 300 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
type of connectable conductor cross-sections	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 300 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting
type of connectable conductor cross-sections	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 300 000 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting 40 mm
type of connectable conductor cross-sections	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 300 000 20 % 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel) Front plate mounting

mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	28.8 mm
installation width	32.3 mm
installation depth	71.7 mm
Certificates/ approvals	

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=3SU1100-2BL60-3LA0-Z X90

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BL60-3LA0-Z X90

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BL60-3LA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-2BL60-3LA0-Z X90&lang=en

1/26/2022 last modified: