

Data sheet

3SU1100-2BL60-3NA0-Z X90

SELECTOR SWITCH, CAN BE ILLUM., 22MM, ROUND, PLASTIC, BLACK, WHITE, SHORT SELECTOR SWITCH, 3 SWITCH POSITIONS I-O-II, LATCHING, 10:30H/12H/13:30H, WITH HOLDER, 1NO, 1NO, SPRING-TYPE TERMINAL, Z = 20X PACK

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Selector switch
Manufacturer's article number	
• of supplied contact module • of the supplied holder • of the supplied actuator	3SU1400-1AA10-3BA0, 3SU1400-1AA10-3BA0 3SU1500-0AA10-0AA0 3SU1002-2BL60-0AA0

Enclosure:

Number of command points	1
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Actuator:

Design of the operating mechanism	Selector switch, short black handle
Manner of function 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 • anticlockwise	45° 45°

Front ring:

Product component front ring	Yes
Design of the front ring	standard
Material of the front ring	plastic
Color of the front ring	black

Holder:

Material of the holder	Plastic
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Display:

Number of LED modules	0
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General technical data:

Product function	
• positive opening	No
Product component	
• Light source	No
Insulation voltage	
• rated value	500 V
Degree of pollution	3
Surge voltage resistance rated value	6 kV
Protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN 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
Equipment marking	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 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

Main circuit:

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)
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Auxiliary circuit:

Design of the contact of auxiliary contacts	Silver alloy
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Number of NC contacts	
• for auxiliary contacts	0
Number of NO contacts	
• for auxiliary contacts	2
Number of CO contacts	
• for auxiliary contacts	0

Connections/ Terminals:

Type of electrical connection	
• of modules and accessories	Spring-type terminal
Type of connectable conductor cross-sections	
• solid without core end processing	2x (0.25 ... 1.5 mm ²)
• finely stranded with core end processing	2x (0.25 ... 0.75 mm ²)
• finely stranded without core end processing	2x (0.25 ... 1.5 mm ²)
• at AWG conductors	2x (24 ... 16)
Connectable conductor cross-section	
• finely stranded with core end processing	0.25 ... 0.75 mm ²
Tightening torque of the screws in the bracket	1 ... 1.2 N·m

Ambient conditions:

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted for all devices behind front panel)

Installation/ mounting/ dimensions:

Mounting type	
• of modules and accessories	Front plate mounting
Height	40 mm
Width	32.3 mm
Shape of the installation opening	round
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	49.7 mm

Certificates/approvals

General Product Approval			Declaration of Conformity	Test Certificates	
				Werksbescheinigung	spezielle Prüfbescheinigungen
CSA	UL		EG-Konf.		

other
Bestätigungen

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1100-2BL60-3NA0-Z X90>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BL60-3NA0-Z X90>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BL60-3NA0-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=3SU1100-2BL60-3NA0-Z X90&lang=en

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