

Data sheet

3SU1130-2BL60-3NA0



Figure similar

SELECTOR SWITCH, CAN BE ILLUM., 22MM, ROUND, PLASTIC WITH METAL FRONT RING, BLACK, WHITE, SHORT SELECTOR SWITCH, 3 SWITCH POSITIONS I-O-II, LATCHING, ACTUATING ANGLE 2X45 DEG., 10:30H/12H/13:30H, WITH HOLDER, 1NO, 1NO, SPRING-TYPE TERMINAL

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	3SU1400-1AA10-3BA0, 3SU1400-1AA10-3BA0
• of the supplied holder	3SU1500-0AA10-0AA0
• of the supplied actuator	3SU1032-2BL60-0AA0

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	45°
• anticlockwise	45°
Front ring:	
Product component front ring	Yes
Design of the front ring	standard
Material of the front ring	Metal, matt
Color of the front ring	sand gray
Holder:	
Material of the holder	Plastic
Display:	
Number of LED modules	0
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)

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

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 mm²)
- finely stranded with core end processing 2x (0.25 ... 0.75 mm²)
- finely stranded without core end processing 2x (0.25 ... 1.5 mm²)
- at AWG conductors 2x (24 ... 16)

Connectable conductor cross-section

- finely stranded with core end processing 0.25 ... 0.75 mm²

Tightening torque of the screws in the bracket 1 ... 1.2 N·m

Safety related data:

B10 value

- with high demand rate acc. to SN 31920 300 000

Proportion of dangerous failures

- with low demand rate acc. to SN 31920 20 %
- with high demand rate acc. to SN 31920 20 %

Failure rate [FIT]

- with low demand rate acc. to SN 31920 100 FIT

T1 value for proof test interval or service life acc. to IEC 61508	20 y
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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
 CCC	 EAC	 EG-Konf.
 CSA		Werksbescheinigung
 UL		gen

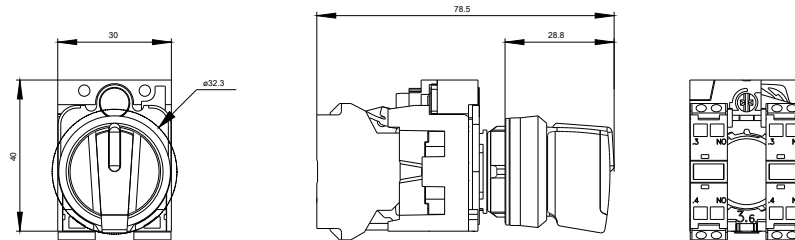
Test Certificates	Shipping Approval	other
spezielle Prüfbescheinigungen	 ABS	Bestätigungen
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	 RMRS	

Further information

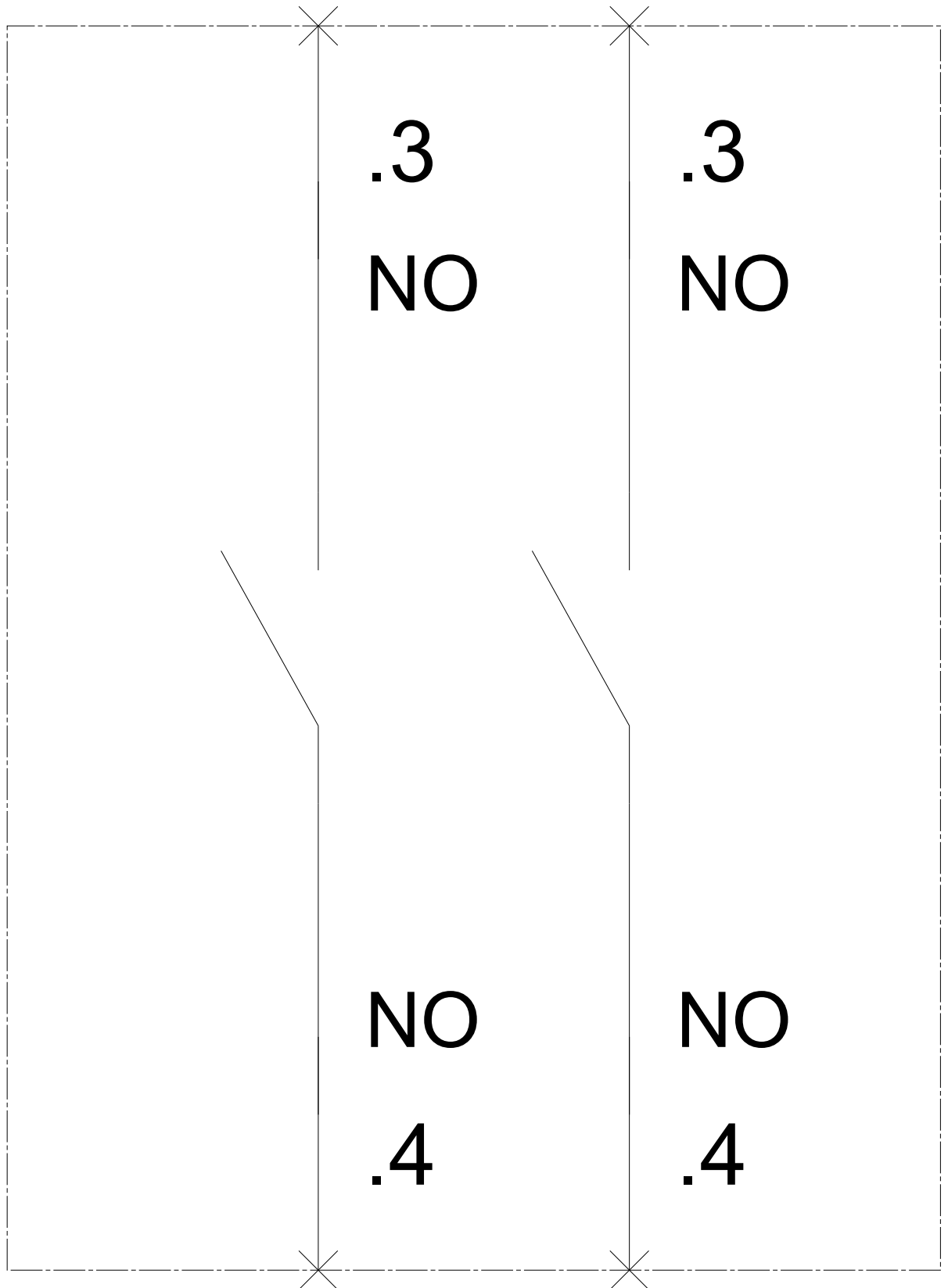
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