3SU1130-2BM60-3NA0-Z X90

Data sheet



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, white, selector switch, short, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, with holder, 1 NO, 1 NO, spring-type terminal, Z=20-unit packaging

product designation design of the product product type designation product line product line product line plastic with metal front ring, matt, 22 mm manufacturer's article number of supplied contact module at position 1 supplied contact module at position 2 of the supplied holder of the supplied actuator Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional light source yes color of the actuating element praterial of the actuating element material of the actuating element puter diameter of the actuating element outer diameter of the actuating element pround outer diameter of the actuating element puter diameter of the actuating element outer diameter of switching positions actuating angle outer diockwise outer discovers outer discove	product brand name	SIRIUS ACT
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of the supplied holder of the supplied actuator Sul 1032-2BM60-0AA0 Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element product extension optional light source yes color of the actuating element white material of the actuating element plastic shape of the actuating element outer diameter of the actuating element actuating element outer diameter of the actuating element	 of supplied contact module at position 1 	3SU1400-1AA10-3BA0
● of the supplied actuator Enclosure number of command points Actuator design of the actuating element	 of supplied contact module at position 2 	3SU1400-1AA10-3BA0
number of command points Actuator design of the actuating element principle of operation of the actuating element 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 number of switching positions actuating angle ● clockwise Cselector, short momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides Yes Yes color of the actuating element plastic round 32.3 mm 32.3 mm 45°	 of the supplied holder 	3SU1550-0AA10-0AA0
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Actuator Selector, short principle of operation of the actuating element momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides 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 45°	Enclosure	
design of the actuating element principle of operation of the actuating element 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 Selector, short momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides Yes Ves plastic plastic sound 32.3 mm 2 number of switching positions 3 actuating angle clockwise	number of command points	1
principle of operation of the actuating element 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 number of switching positions actuating angle clockwise momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides Yes Ves Ves Value Note of the actuating element plastic round outer diameter of the actuating element 32.3 mm 32.3 mm 45°	Actuator	
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 number of switching positions actuating angle clockwise Ves white plastic round 32.3 mm 32.3 mm 32.3 mm 45°	design of the actuating element	Selector, short
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°	principle of operation of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides
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°	product extension optional light source	Yes
shape of the actuating element outer diameter of the actuating element number of contact modules number of switching positions actuating angle clockwise round 32.3 mm 2 45°	color of the actuating element	white
outer diameter of the actuating element number of contact modules number of switching positions actuating angle • clockwise 45°	material of the actuating element	plastic
number of contact modules number of switching positions actuating angle clockwise 45°	shape of the actuating element	round
number of switching positions actuating angle • clockwise 45°	outer diameter of the actuating element	32.3 mm
actuating angle • clockwise 45°	number of contact modules	2
• clockwise 45°	number of switching positions	3
	actuating angle	
• anticlockwise 45°	• clockwise	45°
	anticlockwise	45°
Front ring	Front ring	
product component front ring Yes	product component front ring	Yes
design of the front ring standard	design of the front ring	standard
material of the front ring Metal, matt	material of the front ring	Metal, matt
color of the front ring sand gray	color of the front ring	sand gray
Holder	Holder	
material of the holder Plastic	material of the holder	Plastic
Display	Display	
number of LED modules 0	number of LED modules	0
General technical data	General technical data	
product function positive opening No	product function positive opening	No
product component light source No	product component light source	No
insulation voltage rated value 500 V	insulation voltage rated value	500 V
degree of pollution 3	degree of pollution	3

type of voltage of the operating voltage	AC/DC
type of voltage of the operating voltage	6 kV
surge voltage resistance rated value protection class IP	
of the terminal	IP66, IP67, IP69(IP69K) IP20
	1, 2, 3, 3R, 4, 4X, 12, 13
degree of protection NEMA rating shock resistance	1, 2, 3, 3N, 4, 4A, 12, 13
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
	Category 1, Class B
vibration resistance • according to IEC 60068-2-6	10 500 Hz. 50
3	10 500 Hz: 5g Category 1, Class B
• for railway applications according to EN 61373	1 800 1/h
operating frequency maximum	1 000 000
mechanical service life (switching cycles) typical	10 000 000
electrical endurance (switching cycles) typical	
thermal current	10 A S
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	5 500 \/
— 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	0
number of NO contacts for auxiliary contacts	2
Connections/ Terminals	
type of electrical connection	spring-loaded terminals
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 cables	2x (24 16)
tightening torque of the screws in the bracket	1 1.2 N·m
Safety related data	
B10 value with high demand rate according to SN 31920	300 000
proportion of dangerous failures	
with low demand rate according to SN 31920	20 %
 with high demand rate according to SN 31920 	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
Ambient conditions	
ambient temperature	
during operation	-25 +70 °C
during storage	-40 +80 °C
environmental category during operation according 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	
fastening method	
of modules and accessories	Front plate mounting
height	40 mm
width	32.3 mm
shape of the installation opening	round
onape of the metallation opening	

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		

Further information

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=3SU1130-2BM60-3NA0-Z X90

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-2BM60-3NA0-Z X90

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-2BM60-3NA0-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=3SU1130-2BM60-3NA0-Z X90&lang=en

1/26/2022