3SU1100-2BM60-1NA0

Data sheet



Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 3 switch positions I>O<II, momentary contact type, 10:30h/12h/13:30h, with holder, 1 NO, 1 NO, screw terminal

product designation design of the product product type designation product line product module at position 1 of supplied contact module at position 2 of the supplied contact module at position 2 of the supplied actuator subject of the supplied actuator product product line product of the supplied actuator product of the supplied actuator product of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element product extension optional light source product extension optional light source plastic shape of the actuating element plastic shape of the actuating element product diameter of the actuating element plastic product oroponent front ring product component front ring product component front ring plastic pl	product brand name	SIRIUS ACT
product type designation product line product line anufacturer'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 actuator assultation-tax10-tax10-tax10 of the supplied actuator assultation-tax10-tax10-tax10 of the supplied actuator assultation-tax10-tax10-tax10 tenclosure number of command points 1 Actuator design of the actuating element product extension optional light source color of the actuating element material of the actuating element product diameter of the actuating element shape of the actuating element number of contact modules 2 number of switching positions actuating angle olockwise anticlockwise ant	product designation	Selector switches
product line 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 actuator Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element material of the actuating element product extension optional light source color of the actuating element puter diameter of the actuating element outer diameter of the actuating element number of contact modules 2 number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise Front ring product component front ring design of the front ring material of the holder plastic color of the front ring plastic product component front ring design of the front ring plastic color of the front ring plastic plack Holder material of the holder Plastic Display number of LED modules 0 General technical data	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 sulfaso-0AA10-0AA0 of the supplied actuator Indicator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element principle of operation of the actuating element material of the actuating element material of the actuating element outer diameter of owner actuating element outer diameter of switching positions actuating angle o clockwise o anticlockwise o anti	product type designation	3SU1
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 3SU1400-1AA10-1BA0 of the supplied actuator Inumber of command points Actuator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element white material of the actuating element outer diameter of the actuating element outer diameter of the actuating element actuating alement outer diameter of the actuating element actuating angle olockwise ontact modules actuating angle olockwise onticlockwise Front ring product component front ring design of the front ring material of the front ring material of the holder Display number of LED modules O General technical data	product line	Plastic, black, 22 mm
of supplied contact module at position 2 of the supplied holder of the supplied actuator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element white material of the actuating element shape of the actuating element shape of the actuating element outer diameter of the actuating element actuating angle clockwise actuating angle clockwise anticlockwise 45° anticlockwise 45° anticlockwise 45° standard material of the front ring design of the front ring material of the front ring plastic color of the front ring material of the holder Display number of LED modules 0 General technical data	manufacturer's article number	
of the supplied holder of the supplied actuator Sul 1002-2BM60-0AA0	 of supplied contact module at position 1 	3SU1400-1AA10-1BA0
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 color of the actuating element material of the actuating element outer diameter of the actuating element number of switching positions actuating angle clockwise anticlockwise front ring product component front ring design of the front ring material of the holder plastic shape of the actuating element such actuating ele	 of supplied contact module at position 2 	3SU1400-1AA10-1BA0
Enclosure number of command points Actuator design of the actuating element 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 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 45 standard material of the front ring plastic color of the front ring plastic color of the front ring Plastic Display number of LED modules 0 General technical data	 of the supplied holder 	3SU1550-0AA10-0AA0
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 actuating notices e anticlockwise e anticlockwise Front ring product component front ring design of the front ring material of the holder material of the holder Plastic Display number of LED modules 0 Selector, short momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides policy (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product, 2x45° (10:30 h/12 h/13:30 h), return on both sides product actuating element product actuating element round such actuating e	 of the supplied actuator 	3SU1002-2BM60-0AA0
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 round outer diameter of the actuating element 32.3 mm number of contact modules 2 number of switching positions 3 actuating angle elockwise 45° Front ring product component front ring design of the front ring plastic standard material of the holder plastic pl	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 e clockwise anticlockwise 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 Selector, short momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes clocx, short momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element white momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes clocx display number of the actuating element white momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element number of contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element number of contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element number of contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides yes color of the actuating element number of contact, 2x45° (10:30 h/12 h/13:30 h/12 h/13:30 h/12 h/13:30 h/12 h/13:30	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 e clockwise e anticlockwise front ring product component front ring design of the front ring material of the holder material of the holder plastic Plastic Plastic Plastic Display number of LED modules 0 (10:30 h/12 h/13:30 h), return on both sides Yes (10:30 h/12 h/13:30 h), return on both sides Yes (10:30 h/12 h/13:30 h), return on both sides Yes (10:30 h/12 h/13:30 h), return on both sides Yes (10:30 h/12 h/13:30 h), return on both sides Yes (10:30 h/12 h/13:30 h), return on both sides Yes (10:30 h/12 h/13:30 h), return on both sides Yes (10:30 h/12 h/13:30 h), return on both sides Yes (10:30 h/12 h/13:30 h), return on both sides Yes (10:30 h/12 h/13:30 h), return on both sides Plastic Tound T	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 anticlockwise anticlockwise 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 0 General technical data	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° • anticlockwise 45° Front ring product component front ring 45 standard material of the front ring plastic color of the front ring black Holder material of the holder Plastic Display number of LED modules 0 General technical data	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° • anticlockwise 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 Display number of LED modules 0 General technical data	product extension optional light source	Yes
shape of the actuating element outer diameter of the actuating element number of contact modules 2 number of switching positions actuating angle elockwise anticlockwise front ring product component front ring design of the front ring material of the front ring material of the holder Display number of LED modules round outer diameter round 32.3 mm 14.3 c. 32.3 mm 45° 45° 45° 45° 45° 45° 45° 4	color of the actuating element	white
outer diameter of the actuating element number of contact modules number of switching positions actuating angle clockwise anticlockwise anticlockwise front ring product component front ring design of the front ring material of the front ring material of the holder material of the holder Display number of LED modules 0 32.3 mm 32.3 mm 45° 2 45° 45° 45° 45° 45° 45°	material of the actuating element	plastic
number of contact modules number of switching positions actuating angle • clockwise • anticlockwise front ring product component front ring design of the front ring material of the front ring material of the front ring material of the holder material of the holder Plastic Display number of LED modules 0 General technical data	shape of the actuating element	round
number of switching positions actuating angle • clockwise • 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 0 General technical data	outer diameter of the actuating element	32.3 mm
actuating angle • clockwise • 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 0 General technical data	number of contact modules	2
	number of switching positions	3
● anticlockwise 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 Display number of LED modules 0 General technical data	actuating angle	
product component front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic Display number of LED modules General technical data	clockwise	45°
product component front ring design of the front ring material of the front ring color of the front ring Holder material of the holder Plastic Display number of LED modules General technical data	anticlockwise	45°
design of the front ring material of the front ring color of the front ring black Holder material of the holder Plastic Display number of LED modules General technical data	Front ring	
material of the front ring plastic color of the front ring black Holder material of the holder Plastic Display number of LED modules 0 General technical data	product component front ring	Yes
color of the front ring black Holder material of the holder Plastic Display number of LED modules 0 General technical data	design of the front ring	standard
Holder material of the holder Display number of LED modules General technical data	material of the front ring	plastic
material of the holder Display number of LED modules General technical data	color of the front ring	black
Display number of LED modules General technical data	Holder	
number of LED modules 0 General technical data	material of the holder	Plastic
General technical data	Display	
	number of LED modules	0
product function positive opening No	General technical data	
	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

	A0/P0
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
of the terminal	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	signasidal halfman 45 a / 44 mas
• 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	10 500 Hz: 5a
 according to IEC 60068-2-6 for railway applications according to EN 61373 	10 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B 1 800 1/h
operating frequency maximum 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	0
number of NO contacts for auxiliary contacts	2
Connections/ Terminals	
type of electrical connection	screw-type terminals
of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	
 solid with core end processing 	2x (0.5 0.75 mm²)
 solid without core end processing 	2x (1.0 1.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²)
 finely stranded without core end processing 	2x (1,0 1,5 mm²)
at AWG cables	2x (18 14)
tightening torque of the screws in the bracket	1 1.2 N·m
tightening torque with screw-type terminals	0.8 0.9 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
- or modules and docessories	
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



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report







Marine / Shipping

other





Confirmation

Environmental Confirmations

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=3SU1100-2BM60-1NA0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BM60-1NA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BM60-1NA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-2BM60-1NA0&lang=en

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