SIEMENS

Data sheet

3SU1100-2BF60-1MA0

Siemens EcoTech



Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 2 switch positions O-I, latching, 10:30h/13:30h, with holder, 1 NO, 1 NC, screw terminal



product type designation design of the product product type designation product type designation product type designation 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 contact module at position 2 • of the supplied contact module at position 2 • of the supplied actuator Indicator Indicator Indicator design 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 plastic shape of the actuating element outer diameter of the actuating element prounds of the actuating element plastic shape of the actuating element prounds of the actuating element prounds of the actuating element plastic shape of the actuating element plastic shape of the actuating element prounds of the actuating element prounds of the actuating element plastic shape of the front ring product component front ring standard product component front ring design of the front ring plastic color of the front ring plastic product component front ring plastic plastic Display number of LED modules General technical data product component light source No insulation voltage rated value Soo V	P	
product type designation product line 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 holder • of the supplied actuator • of the supplied actuator Indicator I	product designation	Selector switches
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 of the supplied actuator assurises. a	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 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 material of the actuating element shape of the actuating element white material of successing optional light source outer diameter of the actuating element number of switching positions actuating agle clockwise Front ring product component front ring design of the front ring material of the holder plastic color of the front ring material of the holder Plastic Display number of LED modules 0 General technical data product component light source No	product type designation	3SU1
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 holder of the supplied actuator subject that the supplied actuator subject to the subject	product line	Plastic, black, 22 mm
of supplied contact module at position 2 of the supplied holder of the supplied actuator supplied actuator Enclosure number of command points 1 Actuator design of the actuating element	manufacturer's article number	
of the supplied holder of the supplied actuator 3SU1550-0AA10-0AA0 of the supplied actuator Enclosure number 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 material of the actuating element material of the actuating element outer diameter of switching positions actuating angle oclockwise or occording the actuating element product component front ring product component front ring product component front ring plastic color of the front ring	 of supplied contact module at position 1 	<u>3SU1400-1AA10-1BA0</u>
• 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 contact modules actuating alement outer diameter of the actuating element sactuating alement outer diameter of the actuating element outer diameter of the actuating element 2 number of switching positions 2 actuating angle • clockwise 90° Front ring product component front ring design 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 light source No	 of supplied contact module at position 2 	3SU1400-1AA10-1CA0
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 material of the actuating element shape of the actuating element outer diameter of the actuating element number of contact modules actuating angle clockwise Pront ring product component front ring design of the front ring material of the front ring hadder material of the holder Display number of LED modules Ceneral technical data product component light source No	 of the supplied holder 	3SU1550-0AA10-0AA0
number of command points Actuator design of the actuating element Selector, short principle of operation of the actuating element latching, 90° (10:30 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 2 actuating angle clockwise 90° Front ring product component front ring Yes design 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 light source No	 of the supplied actuator 	3SU1002-2BF60-0AA0
design of the actuating element principle of operation of the actuating element product extension optional light source Yes color of the actuating element material of the actuating element plastic shape of the actuating element outer diameter of the actuating element number of contact modules number of switching positions clockwise Front ring product component front ring design of the front ring material of the front ring plastic pla	Enclosure	
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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 clockwise color of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Display number of LED modules 0 General technical data product component light source No	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 2 actuating angle • clockwise product component 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 product component light source No	design of the actuating element	Selector, short
color 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 2 actuating angle • clockwise 90° Front ring product component 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 component light source No	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
material of the actuating element round outer diameter of the actuating element 32.3 mm number of contact modules 2 number of switching positions 2 actuating angle • clockwise 90° Front ring product component 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 component light source No	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 2 actuating angle • clockwise 90° Front ring 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 0 General technical data product component light source No	color of the actuating element	white
outer diameter of the actuating element number of contact modules 2 number of switching positions 2 actuating angle clockwise 90° 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 product function positive opening product component light source No	material of the actuating element	plastic
number of contact modules number of switching positions actuating angle clockwise 90° 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 component light source No	shape of the actuating element	round
number of switching positions actuating angle	outer diameter of the actuating element	32.3 mm
actuating angle	number of contact modules	2
Clockwise Front ring 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 product function positive opening product component light source No	number of switching positions	2
Front ring product component front ring 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 product function positive opening product component light source No	actuating angle	
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 product function positive opening product component light source No	• clockwise	90°
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 product function positive opening product component light source No	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 function positive opening Yes product component light source No	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 product function positive opening Yes product component light source No	design of the front ring	standard
Holder material of the holder Plastic Display number of LED modules General technical data product function positive opening product component light source No	material of the front ring	plastic
material of the holder Plastic Display number of LED modules 0 General technical data product function positive opening Yes product component light source No	color of the front ring	black
Display number of LED modules General technical data product function positive opening product component light source No	Holder	
number of LED modules General technical data product function positive opening 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 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

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degree of pollution	3
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
protection class IP of the terminal	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	1, 2, 3, 311, 4, 471, 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
vibration resistance	Outogory 1, Outob B
according to IEC 60068-2-6	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 (operating cycles) typical	1 000 000
electrical endurance (operating 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	10 A
Substance Prohibitance (Date)	10/01/2014
Weight	63 g
operating voltage	3
• 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	5 III 666 V
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
	(5 V, 1 mÅ)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	Silver alloy 1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	Silver alloy
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals	Silver alloy 1 1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories	Silver alloy 1 1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections	Silver alloy 1 1 screw terminal Screw-type terminal
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections osolid with core end processing	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²)
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design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 0x (1,0 1,5 mm²) 2x (1,0 1,5 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 0.8 0.9 N·m
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²)
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design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,0 mm²) 2x (1,0 1,0 mm²) 2x (1,0 1,0 mm²) 1 1.2 N·m 0.8 0.9 N·m
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design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,2 N·m 0.8 0.9 N·m 20 % 20 % 100 000 100 FIT
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m 20 % 20 % 100 000 100 FIT
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design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	Silver alloy 1 1 1 screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m 20 % 20 % 100 000 100 FIT 20 a

Environmental footprint				
Environmental Product Declaration(EPD)	Yes			
global warming potential [CO2 eq] total	0.787 kg			
global warming potential [CO2 eq] during manufacturing	0.566 kg			
global warming potential [CO2 eq] during operation	0.235 kg			
global warming potential [CO2 eq] after end of life	-0.015 kg			
Siemens Eco Profile (SEP)	Siemens EcoTech			
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			
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			
Approvals Certificates				
General Product Approval		Test Certificates		











Special Test Certificate

Test Certificates	other
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Type Test Certificates/Test Report

Confirmation



Environment

Siemens EcoTech



Further information

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

Cax online generator

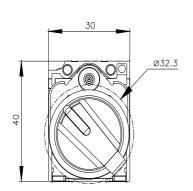
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1100-2BF60-1MA0}$

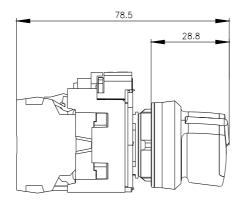
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

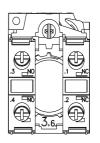
https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BF60-1MA0

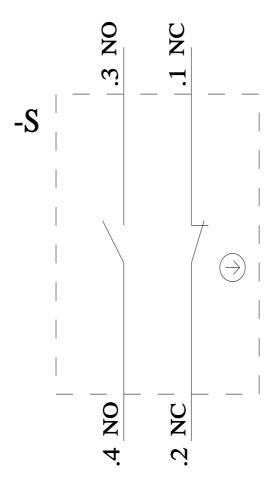
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-2BF60-1MA0&lang=en









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