SIEMENS

Data sheet



Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 3 switch positions I-O-II, latching, 10:30h/12h/13:30h, with holder, 1 NO, 1 NO, spring-type terminal, with laser labeling, lower case

product designation design of the product Complete unit product type designation 3SU1 product Unit manufacturer's article number • of supplied contact module at position 1 • of supplied contact module at position 2 • of the supplied actuator Indicator Indica	product brand name	SIRIUS ACT
product type designation 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 holder • of the supplied actuator • of the supplied actuator In the supplied actuator Sul1400-1AA10-3BA0 3SU1500-0AA10-0AA0 • of the supplied actuator In the supplied actuator Sul1400-1AA10-3BA0 3SU1500-0AA10-0AA0 • of the supplied actuator In the sulfacture of the actuating element In the sulfacture of the sulfacture of the sulfacture of the actuating element In the sulfacture of sulfacture of the sulfacture of sulfacture of sulfacture of the sulfacture of sulfacture of the sulfacture of the sulfacture of sulfacture of the sulfacture of the sulfacture of sulfacture of the sulfacture of sulfacture of sulfacture of the sulfacture of sulfacture of sulfacture of sulfacture of sulfac	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 contact module at position 2 • of the supplied contact module at position 2 • of the supplied actuator SSU1500-0AA10-0AA0 • 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 white material of the actuating element material of the actuating element outer diameter of the actuating element outer diameter of the actuating element color of the actuating element outer diameter of the actuating element couter diameter of switching positions actuating angle • clockwise • clockwise • anticlockwise • Afo Front ring product component front ring design of the front ring color of the front ring black Holder material of the holder 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 Enclosure number of command points 1 Actuator 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 outer diameter of the actuating element number of oswitching positions actuating angle olockwise olockwise anticlockwise front ring product component front ring design of the front ring material of the front ring material of the front ring design of the front ring plastic standard material of the holder Plastic Display number of LED modules 0 General technical data	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 actuator of the supplied actuator Inclosure 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 shape of the actuating element shape of the actuating element shape of the actuating element sumbler of contact modules actuating of the actuating element customized labeling, text in lower case letters number of contact modules 2 number of switching positions actuating angle clockwise onticlockwise ont	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 outer diameter of the actuating element outer diameter of the actuating element marking of the actuating element cound outer diameter of the actuating element mumber of contact modules 2 number of switching positions 3 actuating angle elockwise 45° enticlockwise Front ring product component front ring design of the front ring product component 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 in t	 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 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 e clockwise actuating angle clockwise actuating angle clockwise actuating and the actuating product extension optional light source Yes Color of the actuating element plastic shape of the actuating element customized labeling, text in lower case letters number of switching positions actuating angle clockwise 45° anticlockwise 45° Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring plastic color of the front ring plastic plastic Display number of LED modules 0 General technical data	 of supplied contact module at position 2 	3SU1400-1AA10-3BA0
Enclosure number of command points Actuator design of the actuating element	 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 marking of the actuating element customized labeling, text in lower case letters number of contact modules 2 number of switching positions 3 actuating angle clockwise anticlockwise anticlockwise front ring product component front ring design of the front ring material 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	 of the supplied actuator 	3SU1002-2BL60-0AA0
design of the actuating element	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 outer diameter of the actuating element narking of the actuating element number of contact modules clockwise anticlockwise anticlockwise Front ring product component front ring design of the front ring material of the holder Display number of LED modules 0 General technical data	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 marking of the actuating element marking of the actuating element customized labeling, text in lower case letters number of contact modules number of switching positions actuating angle clockwise shape of the front ring design of the front ring material of the front ring material of the holder plastic Display number of LED modules O General technical data	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 marking of the actuating element number of contact modules 12 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 plastic material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element 32.3 mm marking of the actuating element Customized labeling, text in lower case letters 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 59 plastic color of the front ring 59 black Holder material of the holder 50 Plastic Display number of LED modules 50 General technical data	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
material of the actuating element round outer diameter of the actuating element 32.3 mm marking of the actuating element Customized labeling, text in lower case letters number of contact modules 2 number of switching positions 3 actuating angle • clockwise 45° • anticlockwise 45° Front ring product component front ring 49 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 marking of the actuating element number of contact modules contact modules colockwise element element customized labeling, text in lower case letters number of switching positions actuating angle element clockwise element element element customized labeling, text in lower case letters actuating angle element	color of the actuating element	white
outer diameter of the actuating element marking of the actuating element Customized labeling, text in lower case letters number of contact modules 2 number of switching positions 3 actuating angle • clockwise • anticlockwise Front ring product component front ring design of the front ring material of the front ring material of the holder Molder material of the holder Display number of LED modules 0 General technical data	material of the actuating element	plastic
marking of the actuating element number of contact modules 2 number of switching positions 3 actuating angle • clockwise • 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 Customized labeling, text in lower case letters 2 number of switch in lower case letters 2 2 1 2 2 1 3 3 45° 45° 45° 45° 45° 45° 45° 45° 45° 45°	shape of the actuating element	round
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 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
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 O General technical data	marking of the actuating element	Customized labeling, text in lower case letters
actuating angle • clockwise • anticlockwise 45° 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 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	
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 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 Plastic 0 0	material of the front ring	plastic
material of the holder Display number of LED modules General technical data Plastic 0	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
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	,, =, 0, 0. 0, 1, 0.0, 1=, 10
• 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	Catogory 1, Glado B
• according to IEC 60068-2-6	10 500 Hz: 5q
for railway applications according to 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
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	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
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=3SU1100-2BL60-3NA0-Z Y12

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BL60-3NA0-Z Y12

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BL60-3NA0-Z Y12

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 Y12&lang=en

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