3SU1100-2BL60-1LA0-Z Y10

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, 2 x 1 NO+1 NC, screw terminal, with laser labeling, upper case and lower case, always upper case at beginning of line

product designation design of the product product type designation product time manufacturer's article number of supplied contact module at position 1 of supplied contact module at position 2 of the supplied oclored position 2 of the supplied actuator supplied position 3 SU1400-1AA10-1EA0 3SU1400-1AA10-1EA0 3SU1400-1AA10-1EA0 3SU1400-1AA10-1EA0 3SU1500-0AA0 Balting 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 Yes color of the actuating element white material of the actuating element plastic shape of the actuating element put diameter of the actuating element product diameter of the actuating element product diameter of the actuating element arking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of contact modules 2 number of switching positions 3 actuating angle clockwise clockwise clockwise design of the 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 function positive opening product one	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 sulfacturer's article number • of the supplied holder • of the supplied actuator sulfacturer 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 material of the actuating element shape of the actuating element marking of the actuating element marking of the actuating element number of contact modules number of switching positions actuating angle • clockwise • anticlockwise * anticlockwise * anticlockwise * front ring product component front ring design of the front ring design of the front ring plastic plastic plastic yes color of the front ring design of the actuating element plastic standard material of the front ring design of the front ring plastic color of the front ring plastic plastic plastic Plastic Plastic plas	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 • of the supplied actuator • of the supplied actuator Indicator Ind	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 principle of operation of the actuating element principle of operation of the actuating element white material of the actuating element outer diameter of the actuating element marking of the actuating element number of scottact modules 2 number of switching positions actuating angle • clockwise • anticlockwise Front ring product component front ring design of the font ring plastic plastic product tension optional light source Associated as a supplied contact modules 2 number of switching positions 3 actuating angle • clockwise • anticlockwise Prost ring product component front ring design of the front ring plastic color of the front ring plastic product component front ring design of the front ring plastic color of the front ring plastic color of the front ring plastic product component front ring design of the front ring plastic color of the front ring plastic color of the front ring plastic product component front ring plastic color of the front ring design of the color plastic color of the front ring design of the color plastic color of the plastic color of t	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 of the supplied actuator of the supplied actuator of the supplied actuator Indicator Indica	product line	Plastic, black, 22 mm
of supplied contact module at position 2 of the supplied holder of the supplied actuator substitution 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 plastic shape of the actuating element arriving of the actuating element pround outer diameter of the actuating element mumber of contact modules 1 number of contact modules 2 number of switching positions 3 actuating angle clockwise 45° anticlockwise 45° anticlockwise 45° anticlockwise 45° design of the front ring product component front ring design of the front ring material of the front ring plastic color of the front ring material of the holder Plastic Display number of LED modules 0 General technical data product function positive opening Yes	manufacturer's article number	
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• of the supplied actuator Enclosure number of command points Actuator design of the actuating element product extension optional light source color of the actuating element shape 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 contact modules actuating element number of switching positions actuating angle clockwise anticlockwise Front ring product component front ring design of the front ring attendant of the holder material of the holder Display number of LED modules 0 General technical data product function positive opening Yes	 of supplied contact module at position 2 	3SU1400-1AA10-1FA0
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 clockwise enticlockwise enticlockwise front ring product component front ring design of the front ring black Holder material of the holder Display number of LED modules 0 General technical data product function positive opening Yes Selector, short Selector, sh	 of the supplied holder 	3SU1550-0AA10-0AA0
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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 outer diameter of the actuating element marking of the actuating element outer diameter of the actuating element customized labeling, text in lower case / capital letters, all lines start with capital letter number of contact modules 10 clockwise 10 element 10 clockwise 145° 16 entring 17 element front ring design of the front ring material of the front ring plastic color of the front ring the front ring material of the holder plastic Display number of LED modules 0 General technical data product function positive opening Yes	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 number of switching positions actuating angle clockwise anticlockwise 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 product function positive opening Yes	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 outer diameter of the actuating element marking of the actuating element outer diameter of the actuating element number of contact modules clockwise electorise elect	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 customized labeling, text in lower case / capital letters, all lines start with capital letter 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 plastic color of the front ring material of the holder plastic Display number of LED modules O General technical data product function positive opening Yes	design of the actuating element	Selector, short
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 / capital letters, all lines start with capital letter number of contact modules number of switching positions actuating angle clockwise shape of the 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 function positive opening Yes	principle of operation of the actuating element	latching, 2x45° (10:30 h/12 h/13:30 h)
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 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 holder material of the holder Display number of LED modules Outcomized labeling, text in lower case / capital letters, all lines start with capital letter actuating angle 45° 45° 45° Yes standard plastic color of the front ring black Holder material of the holder Plastic Display number of LED modules O General technical data product function positive opening Yes	product extension optional light source	Yes
shape of the actuating element outer diameter of the actuating element marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of contact modules 1 customized labeling, text in lower case / capital letters, all lines start with capital letter number of switching positions 3 actuating angle 1 clockwise 1 ds² 1 anticlockwise 1 ds² 2 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 Display number of LED modules 0 General technical data product function positive opening Yes	color of the actuating element	white
outer diameter of the actuating element 32.3 mm marking of the actuating element Customized labeling, text in lower case / capital letters, all lines start with capital letter number of contact modules 2 number of switching positions 3 actuating angle clockwise anticlockwise Front ring Yes product component front ring Yes design of the front ring standard material of the front ring plastic color of the front ring black Holder Plastic Display number of LED modules 0 General technical data yes	material of the actuating element	plastic
marking of the actuating element 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 holder material of the holder Display number of LED modules 0 Customized labeling, text in lower case / capital letters, all lines start with capital letter 2 the visit capital letter 2 the visit capital letter 3 3 actuating angle 45° 45° Front ring product component front ring standard 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	shape of the actuating element	round
with capital letter number of contact modules 2 number of switching positions 3 actuating angle • clockwise • anticlockwise 45° 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 0 General technical data product function positive opening Yes	outer diameter of the actuating element	32.3 mm
number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise product component 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 function positive opening 3 3 3 3 45° 45° Yes 45° Yes 45° Plastic Display number of LED modules 0 General technical data product function positive opening Yes	marking of the actuating element	
actuating angle	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 product function positive opening Yes	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 Plastic Display number of LED modules General technical data product function positive opening Yes Yes Yes Andard Plastic Display 0 General technical data product function positive opening Yes	• clockwise	45°
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 Yes standard plastic plastic O O General technical data product function positive opening Yes	 anticlockwise 	45°
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 standard plastic plastic 0 Yes	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 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	design of the front ring	standard
Holder material of the holder Plastic Display number of LED modules General technical data product function positive opening Yes	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	color of the front ring	black
Display number of LED modules General technical data product function positive opening Yes	Holder	
number of LED modules 0 General technical data product function positive opening Yes	material of the holder	Plastic
General technical data product function positive opening Yes	Display	
product function positive opening Yes	number of LED modules	0
	General technical data	
product component light source No	product function positive opening	Yes
	product component light source	No

insulation voltage rated value	500 V
	3
degree of pollution type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value protection class IP	6 kV
P	IP66, IP67, IP69(IP69K)
• of the terminal	IP20, clamping screw tightened
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
• 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	
• 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 (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	2
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	100 FIT
31920	
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	71.7 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=3SU1100-2BL60-1LA0-Z Y10

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BL60-1LA0-Z Y10

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BL60-1LA0-Z Y10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-2BL60-1LA0-Z Y10&lang=en

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