3SU1130-2BL60-1NA0-Z Y15

Data sheet



Selector switch, illuminable, 22 mm, round, plastic with metal front ring, white, selector switch, short, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, with holder, 1 NO, 1 NO, screw terminal, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product designation design of the product product type designation product type designation 3SU1 product type designation 3SU1 product type designation 3SU1 Plastic with metal front ring, matt, 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 sulface of the supplied actuator sulface 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 shape of the actuating element material of the actuating element outer diameter of the actuating element arrange element with capital eleters unumber of contact modules 12.3 mm marking of the actuating element with capital eleters unumber of switching positions actuating angle clockwise clockwise design of the front ring design of the front ring sandgray Holder material of the holder Plastic Display number of LED modules 0 General technical data product function positive opening product product one product one product one positive opening product one product one product one product one product one positive opening product function positive opening product one	product brand name	SIRIUS ACT
product type designation product line product grain product line 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 subject of the subject of subje	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 actuator assuration and points Actuator design of the actuating element principle of operation of the actuating element product extension optional light source shape of the actuating element material of the actuating element outer diameter of the actuating element mumber of contact modules actuating element outer diameter of the actuating element mumber of contact modules clockwise olockwise material of the front ring material of the holder material of the holder product component front ring material of the front ring material of the holder material of the holder product component front positive opening No	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 contact module at position 2 of the supplied actuator of the supplied actuator asulf350-0AA10-0AA0 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 material of the actuating element outer diameter of the actuating element outer diameter of the actuating element arking of the actuating element marking of the actuating element couter diameter of the actuating element with capital letters number of switching positions actuating angle olockwise 45° olockwise 45° olockwise 45° enticlockwise 45° estimated of the front ring design of the front ring standard material of the front ring material of the holder Plastic Display number of LED modules 0 General technical data product function positive opening 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 actuator of the supplied actuator of the supplied actuator of the supplied actuator Intercolosure number of command points Actuator design of the actuating element principle of operation of the actuating element principle of operation of the actuating element principle of the actuating element product extension optional light source color of the actuating element shape of the actuating element shape of the actuating element outer diameter of the actuating element actuating of the actuating element cound outer diameter of the actuating element cound cound cound the actuating element cound outer diameter of the actuating element cound cound cound the actuating element cound cound cound the actuating element cound	product line	Plastic with metal front ring, matt, 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 plastic substituting element plastic substitution element plastic substitutio	manufacturer's article number	
of the supplied holder of the supplied actuator Sau 1032-2BL60-0AA0 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 plastic 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 words start with capital letters number of contact modules number of switching positions actuating angle clockwise anticlockwise 45° Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring Metal, matt color of the front ring Metal, matt color of the front ring material of the holder Display number of LED modules 0 General technical data product function positive opening No	 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 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 couter diameter of switching positions actuating angle clockwise anticlockwise 45° 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 0 General technical data product function positive opening No Selector, short selecto	 of supplied contact module at position 2 	3SU1400-1AA10-1BA0
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 material of the actuating element outer diameter of the actuating element number of contact modules clockwise anticlockwise anticlockwise Front ring product component front ring design of the front ring and gray Holder material of the holder Display number of LED modules 0 General technical data product function positive opening Ne	 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 outer diameter of the front ring design of the front ring outer diameter of the front ring the actuating element outer diameter of the front ring design of the front ring sand gray Holder material of the holder Display number of LED modules O General technical data product function positive opening No	 of the supplied actuator 	3SU1032-2BL60-0AA0
Actuator Gesign of the actuating element Selector, short Iatching, 2x45° (10:30 h/12 h/13:30 h)	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 No Aviator No No No No No No No No No	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 outer diameter of the actuating element number of contact modules number of switching positions actuating angle e clockwise anticlockwise 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 0 General technical data product function positive opening 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 marking of the actuating element customized labeling, text in lower case / capital letters, all words start with capital letters number of contact modules 2 number of switching positions 3 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 front ring material of the holder Display number of LED modules O General technical data product function positive opening No	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 words start with capital letters number of contact modules number of switching positions actuating angle clockwise shape of the actuating element vith capital letters number of switching positions actuating angle clockwise shape	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 outer diameter of the actuating element round outer diameter of the actuating element round 32.3 mm Customized labeling, text in lower case / capital letters, all words start with capital letters 3 actuating angle 45° 45° 45° 45° Front ring product component front ring Aletal, matt color of the front ring Sand gray Holder material of the holder Display number of LED modules O General technical data product function positive opening No	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 words start with capital letters number of contact modules 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 O General technical data product function positive opening No	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 words start with capital letters 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 Metal, matt color of the front ring sand gray Holder Plastic Display number of LED modules 0 General technical data product function positive opening No	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 words start with capital letters 2 the visit capital letters 3 3 45° 45° 45° Front ring product component front ring standard Metal, matt color of the front ring sand gray Holder material of the holder Plastic Display number of LED modules 0 General technical data product function positive opening No	shape of the actuating element	round
number of contact modules number of switching positions actuating angle • clockwise • anticlockwise • anticlockwise product component front ring design of the front ring material of the front ring material of the holder material of the holder plastic Display number of LED modules o General technical data product function positive opening with capital letters 2 with capital letters 2 Metal Associated with capital letters 45 2 Mesolution Associated with capital letters 3 Associated with capital letters 45 Associated with capital letters 45 Associated with capital letters 3 Associated with capital letters 45 Associated with capital lette	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 General technical data product function positive opening No	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 Metal, matt color of the front ring sand gray Holder material of the holder Plastic Display number of LED modules 0 General technical data product function positive opening No	actuating angle	
Front ring product component front ring design of the front ring material of the front ring Metal, matt color of the front ring sand gray Holder material of the holder Plastic Display number of LED modules General technical data product function positive opening No	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 product function positive opening No	anticlockwise	45°
design of the front ring material of the front ring Metal, matt color of the front ring Holder material of the holder Plastic Display number of LED modules O General technical data product function positive opening No	Front ring	
material of the front ring color of the front ring Holder material of the holder Display number of LED modules General technical data product function positive opening Metal, matt sand gray Plastic O O O O O O O O O O O O O	product component front ring	Yes
color of the front ring sand gray Holder material of the holder Plastic Display number of LED modules 0 General technical data product function positive opening 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 No	material of the front ring	Metal, matt
material of the holder Display number of LED modules General technical data product function positive opening No	color of the front ring	sand gray
Display number of LED modules General technical data product function positive opening No	Holder	
number of LED modules 0 General technical data product function positive opening No	material of the holder	Plastic
General technical data product function positive opening No	Display	
product function positive opening No	number of LED modules	0
	General technical data	
product component light source No	product function positive opening	No
	product component light source	No

insulation voltage rated value	500 V
insulation voltage rated value	3
degree of pollution type of voltage of the operating voltage	AC/DC
	6 kV
surge voltage resistance rated value	
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	
• 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
Contact renability	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	Colon type terminal
solid with core end processing	2x (0.5 0.75 mm²)
solid with core end processing solid without core end processing	2x (1.0 1.5 mm²)
	· · · · · · · · · · · · · · · · · · ·
finely stranded with core end processing finely stranded without core and processing	2x (0.5 1.5 mm²)
 finely stranded without core end processing 	2x (1,0 1,5 mm²)
a at ANAC applies	
• at AWG cables	2x (18 14)
tightening torque of the screws in the bracket	1 1.2 N·m
tightening torque of the screws in the bracket tightening torque with screw-type terminals	
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data	1 1.2 N·m 0.8 0.9 N·m
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920	1 1.2 N·m
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures	1 1.2 N·m 0.8 0.9 N·m
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920	1 1.2 N·m 0.8 0.9 N·m
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures	1 1.2 N·m 0.8 0.9 N·m 300 000
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN	1 1.2 N·m 0.8 0.9 N·m 300 000 20 %
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920	1 1.2 N·m 0.8 0.9 N·m 300 000 20 % 20 %
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions	1 1.2 N·m 0.8 0.9 N·m 300 000 20 % 20 %
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature	1 1.2 N·m 0.8 0.9 N·m 300 000 20 % 20 % 100 FIT
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature • during operation	1 1.2 N·m 0.8 0.9 N·m 300 000 20 % 20 % 100 FIT -25 +70 °C
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature • during operation • during storage	1 1.2 N·m 0.8 0.9 N·m 300 000 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC 60721	1 1.2 N·m 0.8 0.9 N·m 300 000 20 % 20 % 100 FIT -25 +70 °C
tightening torque of the screws in the bracket tightening torque with screw-type terminals Safety related data B10 value with high demand rate according to SN 31920 proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920 Ambient conditions ambient temperature • during operation • during storage environmental category during operation according to IEC	1 1.2 N·m 0.8 0.9 N·m 300 000 20 % 20 % 100 FIT -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no

Front plate mounting
40 mm
32.3 mm
round
22.3 mm
0.4 mm
28.8 mm
32.3 mm
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=3SU1130-2BL60-1NA0-Z Y15

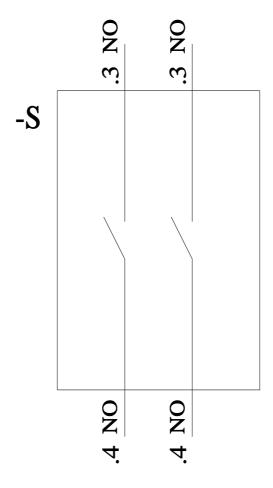
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-2BL60-1NA0-Z Y15

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-2BL60-1NA0-Z Y15

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-2BL60-1NA0-Z Y15&lang=en



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