## 3SU1100-2BM60-3NA0

**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, Spring-type terminal

product designation design of the product product type designation product type designation product type designation 3SU1 product time 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  **Time of command points 1  **Actuator  **design of the actuating element principle of operation of the actuating element product extension optional light source **Oil of the actuating element product extension optional light source **Selector, short product extension optional light source **Oil of the actuating element white material of the actuating element unumber of command points **Janatical of the actuating element unumber of orthe actuating element unumber of contact modules 2 2 number of switching positions 3 actuating angle otor of the actuating element 2 2 number of switching positions 3 actuating angle oclockwise 45"  **Janatical of the front ring product component front ring design of the front ring plastic color of the front ring plastic product component front ring plastic point of the front ring plastic plastic product tomponent front ring plastic product component front ring plastic product component light source No material of the holder Plastic  Display number of LED modules Occorate the chinical data product function positive opening No product component light source No misuation voltage rated value degree of pollution 3 Service of the actuation of the residuation of the productors degree of pollution 3 Service of the actual ring of the productors ACIDC  **Complete time of the actual ring of the productors ACIDC  **Complete time of the actual ring of the productors ACIDC  **Complete time of the actual ring of the productors ACIDC  **Complete time of the productors  **Complete time of the actual ring of the productors  **Complete time of the productors  **Complete time of supplies to	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 surface and the supplied contact module at position 2 of the supplied contact module at position 2 sulface and	product designation	Selector switches
product line	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 contact module at position 2  • of the supplied actuator  * of the actuator  * of the actuating element  * or und  * or und  * outer diameter of the actuating element  * outer diameter	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      sulface actuator  Indexident  Index	product line	Plastic, black, 22 mm
of supplied contact module at position 2     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     material of the actuating element     material of the actuating element     plastic     shape of the actuating element     mumber of contact modules     actuating alement     plastic     shape of the actuating element     pushed in actuating element     pushed in actuating element     plastic     shape of the actuating element     shape of the actuating element     outer diameter of the actuating element     sumber of contact modules     actuating angle     e clockwise     e anticlockwise     e anticlockwise     front ring     product component front ring     design of the front ring     material of the front ring     plastic     color of the front ring     plastic     product the front ring     plastic     color of the front ring     plastic     product tomponent front plastic     color of the front ring     plastic     product component front plastic     color of the front ring     plastic     product place of the front ring     plastic     product function positive opening     number of LED modules     O     Ceneral technical data     product component light source     No     insulation voltage rated value     degree of pollution     3	manufacturer's article number	
of the supplied holder     of the supplied actuator     solitosure  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 Yes color of the actuating element white material of the actuating element plastic  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°  anticlockwise 45°  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 function positive opening No product component light source No ninsulation voltage rated value  9 00 0	<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-3BA0</u>
of the supplied actuator      Inclosure     number of command points     Actuator      design of the actuating element	<ul> <li>of supplied contact module at position 2</li> </ul>	<u>3SU1400-1AA10-3BA0</u>
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  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  number of contact modules  2  number of switching positions  actuating angle  clockwise  45°  anticlockwise  45°  Front ring  product component front ring  design of the front ring  plastic  color of the front ring  plastic  product component light bource  material of the holder  Plastic  Display  number of LED modules  0  General technical data  product function positive opening  No  normal right source  No  insulation voltage rated value  500 V  degree of pollution	<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
number of command points 1  Actuator  design of the actuating element	<ul> <li>of the supplied actuator</li> </ul>	3SU1002-2BM60-0AA0
Actuator  design of the actuating element	Enclosure	
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 outer diameter of the actuating element number of contact modules 2 number of switching positions 3 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 Holder material of the holder Display number of LED modules 0 General technical data product component light source insulation voltage rated value 500 V degree of pollution	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 number of contact modules actuating alge elockwise elockwise elockwise elockwise elottor tring product component front ring design of the front ring material of the holder plastic  black  Holder  material of the holder  Plastic  Display number of LED modules 0 General technical data product component light source Insulation voltage rated value fegree of pollution  Mile momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides Yes white white holder yes color of the actuating element plastic p	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 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 tolor of the front ring color of the front ring tholder material of the holder  Display number of LED modules  General technical data product component light source insulation voltage rated value degree of pollution  White white white white white plastic back by standard plastic black  Plastic  Source No insulation voltage rated value degree of pollution	design of the actuating element	Selector, short
color of the actuating element white material 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°  • anticlockwise 45°  Front ring  product component front ring standard material 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 insulation voltage rated value 500 V degree of pollution 3	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 plastic color 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 component light source No insulation voltage rated value degree of pollution 3  actuating element round  actuation positive opening No  No insulation voltage rated value  actuating element round  actuation your actuation positive opening  no out actuating element round  actuation your actuation positive opening  no out actuating element round  actuation your actuation positive opening  no out actuation your actuation positive opening  no out actuation your actuation positive opening  no out actuation your	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 3 actuating angle • clockwise • anticlockwise  * anticlockwise  * product component front ring design of the front ring material of the front ring color of the front ring  ### Display  number of LED modules  General technical data product component light source No insulation voltage rated value degree of pollution  32.3 mm  32.3 mm  32.3 mm  34.3 cound 34.3 cound 35.3 cound 36.3 cound 37.3 cound 38.3 cound 38.3 cound 39.3 cound 30.3 cound	color of the actuating element	white
outer diameter of the actuating element     32.3 mm       number of contact modules     2       number of switching positions     3       actuating angle <ul> <li>clockwise</li> <li>anticlockwise</li> <li>45°</li> </ul> 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             Plastic               Display             0               General technical data             Vo               product function positive opening             No               product component light source             No               insulation voltage rated value             500 V               degree of pollution             3	material of the actuating element	plastic
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 component light source No insulation voltage rated value 500 V  degree of pollution 3	shape of the actuating element	round
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 color of the front ring black Holder material of the holder Plastic  Display  number of LED modules  product component light source insulation voltage rated value degree of pollution  3  45°  45°  45°  Yes 45°  Yes 45°  Yes 45°  Pestic Plastic  Plastic  0  0  0  0  0  0  0  0  0  0  0  0  0	outer diameter of the actuating element	32.3 mm
actuating angle  clockwise data anticlockwise 45°  front ring  product component front ring design of the front ring material of the front ring black  Holder material of the holder Plastic  Display number of LED modules  product function positive opening product component light source insulation voltage rated value degree of pollution  45°  45°  45°  Front ring Yes  45°  45°  Front ring Plastic  Plastic  Plastic  0  General technical data No product component light source insulation voltage rated value 500 V  degree of pollution	number of contact modules	2
clockwise anticlockwise 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 black  Holder material of the holder Plastic  Display number of LED modules 0  General technical data product function positive opening product component light source insulation voltage rated value degree of pollution  3	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 No  product component light source No insulation voltage rated value 500 V  degree of pollution 3	actuating angle	
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 No product component light source No insulation voltage rated value 500 V degree of pollution 3	• clockwise	45°
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  insulation voltage rated value  degree of pollution  Yes  Standard  Plastic  O  O  O  O  O  O  O  O  O  O  O  O  O	<ul> <li>anticlockwise</li> </ul>	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 product component light source insulation voltage rated value degree of pollution  standard plastic  No  No  Standard  Plastic  No  No  Standard  Plastic  No  O  Standard  No  No  Standard  No  Standard  Plastic	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 No product component light source No insulation voltage rated value 500 V  degree of pollution 3	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 No product component light source No insulation voltage rated value 500 V degree of pollution 3	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 insulation voltage rated value  degree of pollution  Plastic  No  0  0  0  0  0  0  0  0  0  0  0  0  0	material of the front ring	plastic
material of the holder  Display  number of LED modules  General technical data  product function positive opening  No  product component light source insulation voltage rated value  degree of pollution  Plastic  No  No  3	color of the front ring	black
number of LED modules  General technical data  product function positive opening  product component light source  insulation voltage rated value  degree of pollution  0  No  No  100  100  100  100  100  10	Holder	
number of LED modules  General technical data  product function positive opening     No product component light source insulation voltage rated value degree of pollution  0  No  No  100  No  100  100  100  100	material of the holder	Plastic
General technical data product function positive opening No product component light source No insulation voltage rated value degree of pollution  No 3	Display	
product function positive opening No product component light source No insulation voltage rated value 500 V degree of pollution 3	number of LED modules	0
product component light source insulation voltage rated value 500 V degree of pollution 3	General technical data	
insulation voltage rated value 500 V degree of pollution 3	product function positive opening	No
degree of pollution 3	product component light source	No
	insulation voltage rated value	500 V
type of voltage of the operating voltage	degree of pollution	3
type of voltage of the operating voltage	type of voltage of the operating voltage	AC/DC

surna valtana rasistanca ratad valua	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	., =, 0, 014, 1, 174, 12, 10
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
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 gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC	5 F00.V
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value	5 500 V
at DC rated value  Power Electronics	5 500 V
	One malaneration per 100 million (47.1/ 5 m/l) one malaneration per 10 million
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	
<ul> <li>solid without core end processing</li> </ul>	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)
• for AWG cables	2x (24 16)
tightening torque of the screws in the bracket	1 1.2 N·m
Safety related data  R10 value with high demand rate according to SN 31020	300,000
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     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)
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
Installation/ mounting/ dimensions	
fastening method	
of modules and accessories	Front plate mounting
of modules and accessories     height	40 mm
of modules and accessories	

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**

Declaration of Conformity





Confirmation







**Declaration of Conformity** 

**Test Certificates** 

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other

Environment



Confirmation

Environmental Confirmations

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1100-2BM60-3NA0

Cax online generator

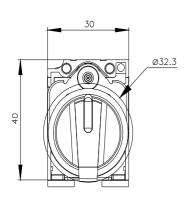
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BM60-3NA0

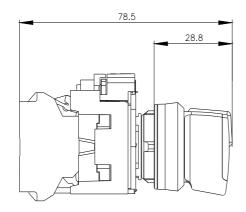
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

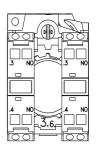
https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BM60-3NA0

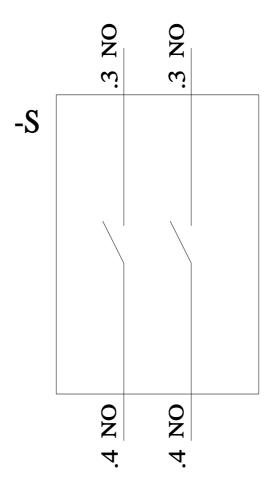
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1100-2BM60-3NA0&lang=en









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