## 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 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  asult400-1AA10-3BA0  of the supplied actuator  supplied actuator  asult400-1AA10-3BA0  asult550-0AA10-0AA0  asult550-0AA10-0AA0  asult002-2BM60-0AA0  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  material of the actuating element  plastic  shape of the actuating element  round  outer diameter of the actuating element  round  outer diameter of the actuating element  32.3 mm		
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 actuator  solution 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 plastic shape of the actuating element plastic shape of the actuating element round		
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  assulf550-0AA10-3BA0  • 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  plastic  shape of the actuating element  plastic  round		
manufacturer's article number  • of supplied contact module at position 1  • of supplied contact module at position 2  • of supplied contact module at position 2  • of the supplied holder  • of the supplied actuator  • of the supplied actuator  Sul1400-1AA10-3BA0  • of the supplied holder  • of the supplied actuator  Sul1002-2BM60-0AA0   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  plastic  shape of the actuating element  round		
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      inumber 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  material of the actuating element  supplied contact module at position 2  3SU1400-1AA10-3BA0  3SU1550-0AA10-0AA0  SU1002-2BM60-0AA0  1  Selector, short  momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides  yes  color of the actuating element  white  material of the actuating element  plastic  shape of the actuating element  round		
<ul> <li>of supplied contact module at position 2</li> <li>of the supplied holder</li> <li>of the supplied actuator</li> <li>3SU1550-0AA10-0AA0</li> <li>of the supplied actuator</li> <li>3SU1002-2BM60-0AA0</li> </ul> Enclosure <ul> <li>number of command points</li> <li>1</li> </ul> Actuator <ul> <li>design of the actuating element</li> <li>principle of operation of the actuating element</li> <li>product extension optional light source</li> <li>color of the actuating element</li> <li>material of the actuating element</li> <li>plastic</li> <li>shape of the actuating element</li> <li>round</li> </ul>		
of the supplied holder     of the supplied actuator     of the supplied actuator      inumber of command points		
● 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  material of the actuating element  shape of the actuating element  product extension optional right source  yes  color of the actuating element  plastic  round		
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 shape of the actuating element round  1  Selector, short momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides Yes color of the actuating element plastic round		
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  public  product extension optional light source  yes  plastic  plastic  round		
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  round  Selector, short  momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides  Yes  white  plastic  round		
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  Selector, short  momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides  Yes  white  plastic  round		
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 shape of the actuating element round		
product extension optional light source  Color of the actuating element  material of the actuating element  shape of the actuating element  round		
color of the actuating element white  material of the actuating element plastic  shape of the actuating element round		
material of the actuating element plastic shape of the actuating element round		
shape of the actuating element round		
<u> </u>		
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 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		
type of voltage of the operating voltage AC/DC		

curno voltano rocietaneo rated valuo	6 kV
surge voltage resistance rated value protection class IP	IP66, IP67, IP69(IP69K)
of the terminal	IP20
degree of protection NEMA rating shock resistance	1, 2, 3, 3R, 4, 4X, 12, 13
	cinvosidal half ways 45c / 44 mg
• 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	40 500 Uz. 5~
• 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 thermal current	10 000 000 10 A
	S
reference code according to IEC 81346-2 continuous current of the C characteristic MCB	
	10 A; for a short-circuit current smaller than 400 A  10 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	
Substance Prohibitance (Date)	10/01/2014
operating voltage  • at AC	
— at 50 Hz rated value	5 500 V
	5 500 V
<ul><li>— at 60 Hz rated value</li><li>• at DC rated value</li></ul>	5 500 V
	5 500 V
Power Electronics	One male residence and 400 million (47 \/ E mA), one male residence and 40 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)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.25 0.75 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	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	
B10 value with high demand rate according to SN 31920	300 000
proportion of dangerous failures	00.07
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	05 170 °C
during operation	-25 +70 °C
during storage      purpose of the storage of	-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

32.3 mm installation width installation depth 49.7 mm

**General Product Approval** 

**Declaration of Con**formity





Confirmation







**Declaration of Con**formity

**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).

ind-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

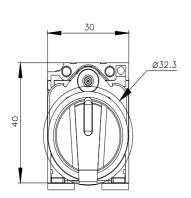
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BM60-3NA0

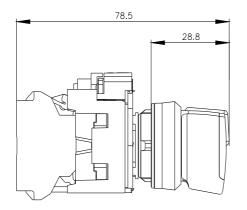
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

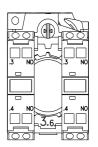
https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BM60-3NA0

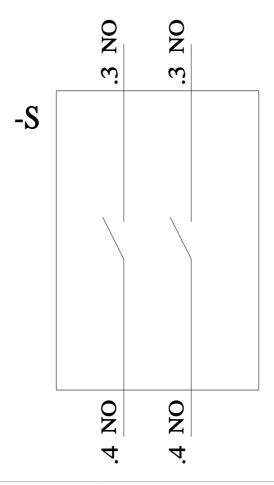
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

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









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