## 3SU1100-2BF60-3MA0-Z Y11

### **Data sheet**





Selector switch, illuminable, 22 mm, round, plastic, white, selector switch, short, 2 switch positions O-I, latching, 10:30h/13:30h, with holder, 1 NO, 1 NC, spring-type terminal, with laser labeling, upper case



design of the product product type designation product line 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 assult400-1AA10-3AA0 sult400-1AA10-3AA0 of the supplied actuator assult400-1AA10-3AA0 sult400-1AA10-3AA0 sult400-1AA10-3AA0 sult400-1AA10-3AA0 of the supplied actuator assult400-1AA10-3AA0 sult400-1AA10-3AA0 sult40	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  assurisso-OAA10-OAA0  of the supplied actuator  assurisso-OAA10-OAA0  assurisso-OAA10-OAA1  assurisso-OAA10-O	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 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 shape of the actuating element white material of suctuating element shape of the actuating element principle of operation of the actuating element produce textension optional light source yes color of the actuating element white material of the actuating element plastic shape of the actuating element shape of the actuating element Customized labeling, text in capital letters number of contact modules 2 actuating angle olockwise 90°  Front ring product component front ring design of the front ring plastic color of the front ring plastic plastic plastic plastic  plastic  Display number of LED modules 0 General technical data product function positive opening Yes	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.  asulface.	product line	Plastic, black, 22 mm
of supplied contact module at position 2 of the supplied holder of the supplied actuator  Sul1550-0AA10-0AA0 3SU1002-2BF60-0AA0  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 white material of the actuating element outer diameter of the actuating element number of contact modules number of contact modules clockwise product extension optional light source yes color of the actuating element cuter diameter of the actuating element outer diameter of the actuating element cuter diameter of the actuating element cuter diameter of the actuating element cuter diameter of switching positions 2 actuating angle clockwise go*  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 black Holder material of the holder Plastic  General technical data product function positive opening Yes	manufacturer's article number	
of the supplied holder     of the supplied actuator     3SU1550-0AA10-0AA0     su1002-2BF60-0AA0  Enclosure  number of command points     1  Actuator  design of the actuating element	<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-3BA0
of the supplied actuator	<ul> <li>of supplied contact module at position 2</li> </ul>	3SU1400-1AA10-3CA0
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  number of contact modules  actuating angle  clockwise  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  Selector, short  yes  (10:30 h/13:30 h)  plastic  customized labeling, 12:30 h/13:30 h/13	<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>
number of command points 1  Actuator  design of the actuating element   Selector, short   principle of operation of the actuating element   latching, 90° (10:30 h/13:30 h) product extension optional light source   Yes   color of the actuating element   white   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 capital letters   number of contact modules   2   number of switching positions   2   actuating angle   eclockwise   90°   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	<ul> <li>of the supplied actuator</li> </ul>	3SU1002-2BF60-0AA0
design of the actuating element principle of operation of the actuating element product extension optional light source Yes color of the actuating element material of the actuating element plastic shape of the actuating element outer diameter of the actuating element customized labeling, text in capital letters number of contact modules number of switching positions 2 actuating angle clockwise 90°  Front ring product component front ring design of the front ring material of the holder 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 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 narking of the actuating element customized labeling, text in capital letters number of contact modules number of switching positions 2 actuating angle clockwise  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  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  Yes  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 outer diameter of the actuating element Customized labeling, text in capital letters number of contact modules 12 number of switching positions 2 actuating angle clockwise 90°  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  Display number of LED modules 0  General technical data product function positive opening Yes	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 capital letters  number of contact modules  number of switching positions  2  actuating angle  clockwise  product component 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	design of the actuating element	Selector, short
color 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 capital letters number of contact modules 2 number of switching positions 2 actuating angle • clockwise 90°  Front ring 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 Yes	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
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 capital letters number of contact modules 2 number of switching positions 2 actuating angle • clockwise 90°  Front ring 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 Yes	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  1	color of the actuating element	white
outer diameter of the actuating element marking of the actuating element customized labeling, text in capital letters number of contact modules 2 number of switching positions 2 actuating angle clockwise 90°  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 0 General technical data product function positive opening Yes	material of the actuating element	plastic
marking of the actuating element  number of contact modules  number of switching positions  actuating angle  clockwise  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  product function positive opening  Customized labeling, text in capital letters  2  customized labeling, text in capital letters  2  position position positions  position positi	shape of the actuating element	round
number of contact modules  number of switching positions  actuating angle  clockwise  g0°  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  2  2  2  2  3  4  4  5  6  6  7  7  8  8  8  90°  Yes  4  90°  Yes  4  90°  Plastic  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  90°  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  2  Actually applied  yes	marking of the actuating element	Customized labeling, text in capital letters
actuating angle  • clockwise  90°  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  90°  Yes  400  Yes  400  Yes  90°  Plastic  Plastic  0  General technical data  Product function positive opening  Yes	number of contact modules	2
● clockwise 90°  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	number of switching positions	2
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	actuating angle	
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  General technical data  Yes	• clockwise	90°
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  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

SIRIUS ACT

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
	1, 2, 3, 3R, 4, 4X, 12, 13
degree of protection NEMA rating shock resistance	1, 2, 3, 3N, 4, 4A, 12, 13
	sinuscidal half ways 45% / 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 Hz. 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	10 000 000
thermal current	10 A
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
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
Auviliant circuit	(5 V, 1 mA)
POSTER STORAGE MARKET	
Auxiliary circuit  design of the contact of auxiliary contacts	Silver alloy
design of the contact of auxiliary contacts	Silver alloy
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	·
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals	1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection	1 1 spring-loaded terminals
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection  • of modules and accessories	1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  • of modules and accessories  type of connectable conductor cross-sections	1 1 spring-loaded terminals Spring-type terminal
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection  of modules and accessories  type of connectable conductor cross-sections solid without core end processing	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  20 % 20 % 100 000 100 FIT
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  20 % 20 % 100 000 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  20 % 20 % 100 000 100 FIT  -25 +70 °C -40 +80 °C
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  20 % 20 % 100 000 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 2spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  20 % 20 % 100 000 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 2 spring-loaded terminals Spring-type terminal  2x (0.25 1.5 mm²) 2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) 1 1.2 N·m  20 % 20 % 100 000 100 FIT  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)  Yes 0.787 kg
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts  Connections/ Terminals  type of electrical connection	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Global Warming Potential [CO2 eq] after end of life	-0.015 kg
Siemens Eco Profile (SEP)	Siemens EcoTech
Installation/ mounting/ dimensions	
fastening method	
<ul> <li>of modules and accessories</li> </ul>	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
Approvals Cortificatos	

Approvals Certificates

**General Product Approval** 

**Test Certificates** 



Confirmation





Type Test Certificates/Test Report

Special Test Certific-<u>ate</u>

Marine / Shipping



Environment









Confirmation



#### Environment



#### Further information

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=3SU1100-2BF60-3MA0-Z Y11

Cax online generator

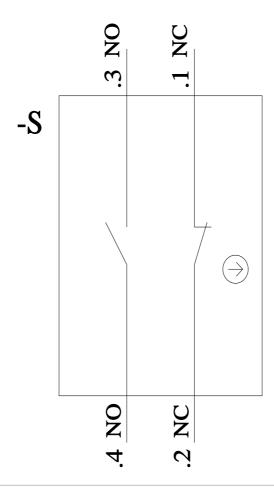
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1100-2BF60-3MA0-Z\ Y11}$ 

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BF60-3MA0-Z Y11

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1100-2BF60-3MA0-Z Y11&lang=en



last modified: 3/2/2024 🖸

# **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

A6X30141996