3SU1100-2BF60-3BA0

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, Spring-type terminal

product brand name product designation Selector switches design of the product product type designation 3SU1 product line manufacturer's article number of supplied contact module at position 1 of the supplied dontact module at position 1 of the supplied actuator SU1400-1AA10-3BA0 of the supplied actuator SU1550-0AA10-0AA0 SU1002-2BF60-0AA0 Enclosure number of command points 1 Actuator design of the actuating element principle of operation optional light source color of the actuating element material of the actuating element pouter diameter of the actuating element outer diameter of the actuating element number of contact modules 1 number of contact modules 1 number of switching positions 2 actuating angle clockwise Front ring product component front ring material of the front ring plastic
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product type designation product line Plastic, black, 22 mm manufacturer's article number of supplied contact module at position 1 of the supplied holder of the supplied actuator Enclosure number of command points Actuator design of the actuating element principle of operation of the actuating element material of the actuating element praterial of the actuating element puter diameter of the actuating element puter diameter of the actuating element puter diameter of the actuating element principle of operation of the actuating element principle of operation 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 pumber of contact modules 1 number of switching positions 2 actuating angle oclockwise 90° Front ring product component front ring Yes design of the front ring Standard
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Front ring product component front ring design of the front ring standard
product component front ring Yes design of the front ring standard
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
surge voltage resistance rated value 6 kV
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
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	5 500 V
— at 50 Hz rated value	5 500 V
 — at 60 Hz rated value • at DC rated value 	5 500 V 5 500 V
• at DC rated value Power Electronics	J JUU V
	One maloperation per 100 million (17 V, 5 mA), one maloperation 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	1
Connections/ Terminals	
type of electrical connection	spring-loaded terminals
of modules and accessories	Spring-type terminal
type of connectable conductor cross-sections	
 solid without core end processing 	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	
B10 value with high demand rate according to SN 31920	100 000
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 31920	100 FIT
Ambient conditions	
ambient temperature	
during operation	-25 +70 °C
during storage	-40 +80 °C
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
60721	condensation in operation permitted for all devices behind front panel)
Environmental footprint	V
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	For all all the constants of
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	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 Certific-<u>ate</u>







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=3SU1100-2BF60-3BA0

Cax online generator

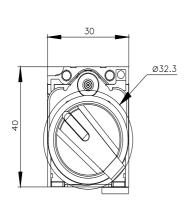
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BF60-3BA0

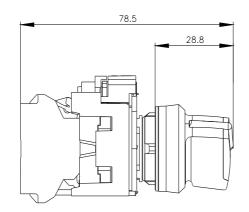
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

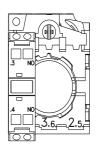
https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-2BF60-3BA0

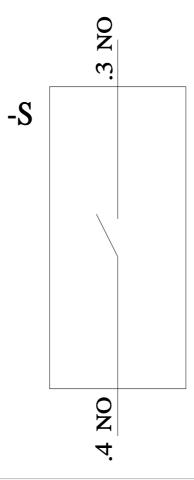
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-2BF60-3BA0&lang=en









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