## 3SU1150-2BL60-3NA0

**Data sheet** 



Selector switch, illuminable, 22 mm, round, metal, shiny, 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, Spring-type terminal

product brand name	SIRIUS ACT
product designation	Selector switches
design of the product	Complete unit
product type designation	3SU1
product line	Metal, shiny, 22 mm
manufacturer's article number	motal, ormiy, 22 mm
of supplied contact module at position 1	<u>3SU1400-1AA10-3BA0</u>
of supplied contact module at position 2	3SU1400-1AA10-3BA0
of the supplied holder	3SU1550-0AA10-0AA0
of the supplied actuator	3SU1052-2BL60-0AA0
Enclosure	000 1002 2B200 07 V to
number of command points	1
Actuator	
design of the actuating element	Selector, short
principle of operation of the actuating element	latching, 2x45° (10:30 h/12 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
number of contact modules	2
number of switching positions	3
actuating angle	3
• clockwise	45°
anticlockwise	45°
Front ring	40
	Yes
product component front ring	
design of the front ring	standard Matel high class
material of the front ring	Metal, high gloss
color of the front ring Holder	silver
	Disatio
material of the holder Display	Plastic
number of LED modules	0
General technical data	U .
	No
product function positive opening	No
product component light source	No FOO V
insulation voltage rated value	500 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC

	O IA/
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
vibration resistance	
according to IEC 60068-2-6	10 500 Hz: 5g
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	
— 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
A susilization a singuist	(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)
	2x (0.25 1.5 mm²)
finely stranded without core end processing	
• for AWG cables	2x (24 16)
• for AWG cables tightening torque of the screws in the bracket	
• for AWG cables tightening torque of the screws in the bracket Safety related data	2x (24 16) 1 1.2 N·m
for AWG cables     tightening torque of the screws in the bracket     Safety related data     B10 value with high demand rate according to SN 31920	2x (24 16)
for AWG cables     tightening torque of the screws in the bracket     Safety related data     B10 value with high demand rate according to SN 31920     proportion of dangerous failures	2x (24 16) 1 1.2 N·m
for AWG cables  tightening torque of the screws in the bracket  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	2x (24 16) 1 1.2 N·m 300 000
for AWG cables     tightening torque of the screws in the bracket     Safety related data     B10 value with high demand rate according to SN 31920     proportion of dangerous failures	2x (24 16) 1 1.2 N·m
for AWG cables     tightening torque of the screws in the bracket  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	2x (24 16) 1 1.2 N·m 300 000
for AWG cables     tightening torque of the screws in the bracket     Safety related data     B10 value with high demand rate according to SN 31920     proportion of dangerous failures	2x (24 16) 1 1.2 N·m  300 000  20 % 20 %
for AWG cables     tightening torque of the screws in the bracket  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	2x (24 16) 1 1.2 N·m  300 000  20 % 20 %
for AWG cables  tightening torque of the screws in the bracket  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	2x (24 16) 1 1.2 N·m  300 000  20 % 20 %
for AWG cables  tightening torque of the screws in the bracket  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	2x (24 16) 1 1.2 N·m  300 000  20 % 20 % 100 FIT
for AWG cables     tightening torque of the screws in the bracket  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	2x (24 16) 1 1.2 N·m  300 000  20 % 20 % 100 FIT  -25 +70 °C
for AWG cables  tightening torque of the screws in the bracket  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	2x (24 16)  1 1.2 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
for AWG cables     tightening torque of the screws in the bracket  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  Installation/ mounting/ dimensions	2x (24 16)  1 1.2 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
for AWG cables  tightening torque of the screws in the bracket  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	2x (24 16)  1 1.2 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
for AWG cables     tightening torque of the screws in the bracket  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          with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature	2x (24 16)  1 1.2 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 condensation in operation permitted for all devices behind front panel)
for AWG cables     tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920     proportion of dangerous failures	2x (24 16)  1 1.2 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 condensation in operation permitted for all devices behind front panel)  Front plate mounting 40 mm
for AWG cables     tightening torque of the screws in the bracket  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  Installation/ mounting/ dimensions  fastening method     of modules and accessories  height width	2x (24 16)  1 1.2 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 condensation in operation permitted for all devices behind front panel)  Front plate mounting 40 mm 32.3 mm
for AWG cables     tightening torque of the screws in the bracket  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  Installation/ mounting/ dimensions  fastening method     of modules and accessories  height width shape of the installation opening	2x (24 16)  1 1.2 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 condensation in operation permitted for all devices behind front panel)  Front plate mounting 40 mm 32.3 mm round
for AWG cables     tightening torque of the screws in the bracket  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         • 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  Installation/ mounting/ dimensions  fastening method         • of modules and accessories height width shape of the installation opening mounting diameter	2x (24 16)  1 1.2 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 condensation in operation permitted for all devices behind front panel)  Front plate mounting  40 mm  32.3 mm  round  22.3 mm
• for AWG cables  tightening torque of the screws in the bracket  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  Installation/ mounting/ dimensions  fastening method  • of modules and accessories  height  width  shape of the installation opening  mounting diameter  positive tolerance of installation diameter	2x (24 16)  1 1.2 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 condensation in operation permitted for all devices behind front panel)  Front plate mounting  40 mm  32.3 mm  round  22.3 mm  0.4 mm
• for AWG cables     tightening torque of the screws in the bracket  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  Installation/ mounting/ dimensions fastening method     • of modules and accessories height width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height	2x (24 16)  1 1.2 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 condensation in operation permitted for all devices behind front panel)  Front plate mounting  40 mm  32.3 mm  round  22.3 mm  0.4 mm  28.8 mm
• for AWG cables  tightening torque of the screws in the bracket  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  Installation/ mounting/ dimensions  fastening method  • of modules and accessories  height  width  shape of the installation opening  mounting diameter  positive tolerance of installation diameter	2x (24 16)  1 1.2 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 condensation in operation permitted for all devices behind front panel)  Front plate mounting  40 mm  32.3 mm  round  22.3 mm  0.4 mm

## Certificates/ approvals

## **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=3SU1150-2BL60-3NA0

Cax online generator

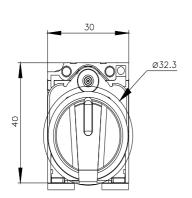
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-2BL60-3NA0

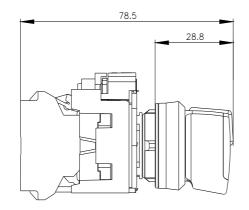
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

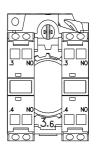
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-2BL60-3NA0

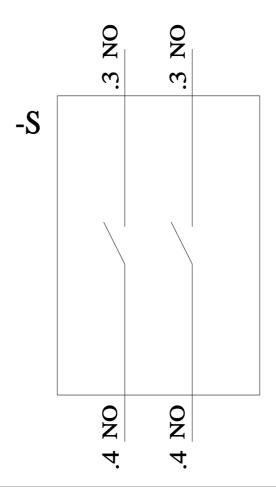
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http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1150-2BL60-3NA0&lang=en









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