## SIEMENS

## Data sheet

## 3SU1150-2BF60-1MA0

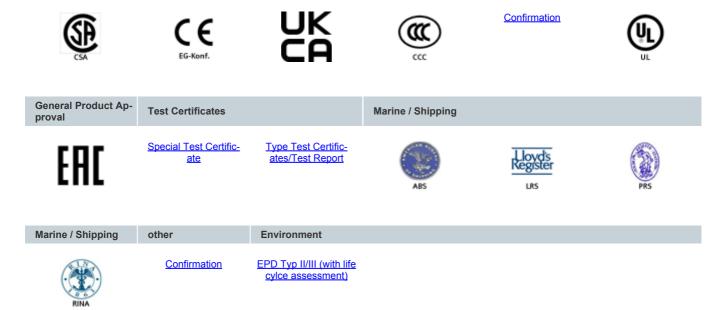


Selector switch, illuminable, 22 mm, round, metal, shiny, white, selector switch, short, 2 switch positions O-I, latching, actuating angle  $90^{\circ}$ , 10:30h/13:30h, with holder, 1 NO, 1 NC, screw terminal

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		
<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-1BA0</u>	
<ul> <li>of supplied contact module at position 2</li> </ul>	<u>3SU1400-1AA10-1CA0</u>	
<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>	
<ul> <li>of the supplied actuator</li> </ul>	<u>3SU1052-2BF60-0AA0</u>	
Enclosure		
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	
number of contact modules	2	
number of switching positions	2	
actuating angle		
clockwise	90°	
Front ring		
product component front ring	Yes	
design of the front ring	standard	
material of the front ring	Metal, high gloss	
color of the front ring	silver	
Holder		
material of the holder	Plastic	
Display		
number of LED modules	0	
General technical data		
product function positive opening	Yes	
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
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 (5 V, 1 mA)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
Connections/ Terminals	
type of electrical connection	screw-type terminals
<ul> <li>of modules and accessories</li> </ul>	Screw-type terminal
type of connectable conductor cross-sections	
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
<ul> <li>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	2x (1,0 1,5 mm²)
<ul> <li>for AWG cables</li> </ul>	2x (18 14)
tightening torque of the screws in the bracket	1 1.2 N·m
tightening torque with screw-type terminals	
agriconing torquo mar obrom type torminate	0.8 0.9 N·m
Safety related data	0.8 0.9 N·m
	0.8 0.9 N·m
Safety related data	0.8 0.9 N·m 20 %
Safety related data proportion of dangerous failures	
Safety related data proportion of dangerous failures • with low demand rate according to SN 31920	20 %
Safety related data 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	20 % 20 %
Safety related data 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	20 % 20 % 100 FIT
Safety related data 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 B10 value with high demand rate according to SN 31920	20 % 20 % 100 FIT
Safety related data 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 B10 value with high demand rate according to SN 31920 IEC 62061 T1 value for proof test interval or service life according to	20 % 20 % 100 FIT 100 000
Safety related data         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         B10 value with high demand rate according to SN 31920         IEC 62061         T1 value for proof test interval or service life according to IEC 61508	20 % 20 % 100 FIT 100 000
Safety related data         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         B10 value with high demand rate according to SN 31920         IEC 62061         T1 value for proof test interval or service life according to IEC 61508         Ambient conditions	20 % 20 % 100 FIT 100 000
Safety related data         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         B10 value with high demand rate according to SN 31920         IEC 62061         T1 value for proof test interval or service life according to IEC 61508         Ambient conditions         ambient temperature	20 % 20 % 100 FIT 100 000 20 a
Safety related data         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         B10 value with high demand rate according to SN 31920         IEC 62061         T1 value for proof test interval or service life according to IEC 61508         Ambient conditions         ambient temperature         • during operation	20 % 20 % 100 FIT 100 000 20 a -25 +70 °C
Safety related data         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         B10 value with high demand rate according to SN 31920         IEC 62061         T1 value for proof test interval or service life according to IEC 61508         Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC	20 % 20 % 100 FIT 100 000 20 a -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
Safety related data         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         B10 value with high demand rate according to SN 31920         IEC 62061         T1 value for proof test interval or service life according to IEC 61508         Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC 60721	20 % 20 % 100 FIT 100 000 20 a -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no
Safety related data         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         B10 value with high demand rate according to SN 31920         IEC 62061         T1 value for proof test interval or service life according to IEC 61508         Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC 60721         Environmental footprint	20 % 20 % 100 FIT 100 000 20 a -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)
Safety related data         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         B10 value with high demand rate according to SN 31920         IEC 62061         T1 value for proof test interval or service life according to IEC 61508         Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC 60721         Environmental Product Declaration(EPD)	20 % 20 % 100 FIT 100 000 20 a -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)
Safety related data         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         B10 value with high demand rate according to SN 31920         IEC 62061         T1 value for proof test interval or service life according to IEC 61508         Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC 60721         Environmental Product Declaration(EPD)         Global Warming Potential [CO2 eq] total	20 % 20 % 100 FIT 100 000 20 a -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 0.593 kg
Safety related data         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         B10 value with high demand rate according to SN 31920         IEC 62061         T1 value for proof test interval or service life according to IEC 61508         Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC 60721         Environmental Product Declaration(EPD)         Global Warming Potential [CO2 eq] total         Global Warming Potential [CO2 eq] during manufacturing	20 % 20 % 100 FIT 100 000 20 a -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 0.593 kg 0.625 kg

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 Certificates		
General Product Approval		



## 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=3SU1150-2BF60-1MA0

Cax online generator

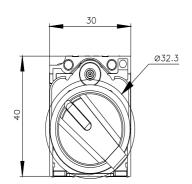
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-2BF60-1MA0

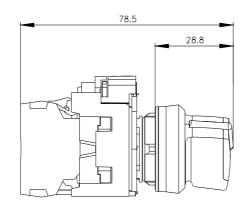
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

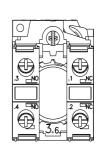
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-2BF60-1MA0

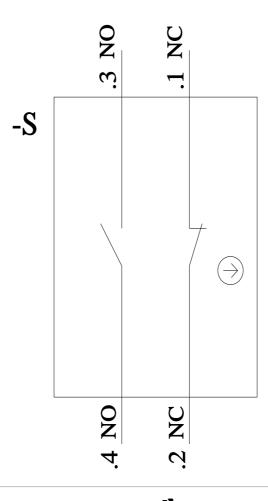
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1150-2BF60-1MA0&lang=en









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