# SIEMENS

### Data sheet

## 3SU1150-2CF60-1NA0



Toggle switch, 22 mm, round, metal, shiny, white, knob, long, 2 switch positions O-I, latching, actuating angle  $90^{\circ}$ , 10:30h/13:30h, with holder, 1 NO, 1 NO, 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>3SU1400-1AA10-1BA0</u>		
of the supplied holder	<u></u>		
<ul> <li>of the supplied actuator</li> </ul>	3SU1052-2CM60-0AA0		
Enclosure			
number of command points	1		
Actuator			
design of the actuating element	selector, long		
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	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	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	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		
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	0		
number of NO contacts for auxiliary contacts	2		
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 mm <sup>2</sup> )		
<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)		
for AWG cables	2x (18 14)		
tightening torque of the screws in the bracket	1 1.2 N·m		
tightening torque with screw-type terminals	0.8 0.9 N·m		
Safety related data			
proportion of dangerous failures			
<ul> <li>with low demand rate according to SN 31920</li> </ul>	20 %		
<ul> <li>with high demand rate according to SN 31920</li> </ul>	20 %		
failure rate [FIT] with low demand rate according to SN	100 FIT		
31920			
B10 value with high demand rate according to SN 31920	300 000		
IEC 62061			
T1 value for proof test interval or service life according to IEC 61508	20 a		
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			
Environmental Product Declaration(EPD)	Yes		
Global Warming Potential [CO2 eq] total	0.593 kg		
Global Warming Potential [CO2 eq] during manufacturing	0.625 kg		
Global Warming Potential [CO2 eq] during operation	0.235 kg		

Global Warming Potent	ial [CO2 eq] after end of li	fe -0.26	67 kg			
Installation/ mounting/ (						
fastening method						
<ul> <li>of modules and accessories</li> </ul>		Fron	Front plate mounting			
height		40 m	40 mm			
width		32.3	32.3 mm			
shape of the installation opening		roun	round			
mounting diameter		22.3	22.3 mm			
positive tolerance of installation diameter		0.4 n	0.4 mm			
mounting height		28.8	28.8 mm			
installation width		32.3	mm			
installation depth		49.7	mm			
Approvals Certificates						
General Product Approval Declaration of Con- formity						
(SP)	CCC	<u>Confirmation</u>		EHC	UK CA	
Declaration of Con- formity	Test Certificates		Marine / Shipping			
CE EG-Konf.	<u>Special Test Certific-</u> <u>ate</u>	<u>Type Test Certific-</u> ates/Test Report	ABS	Lloyd's Register us	PRS	
Marine / Shipping	other	Environment				
RINA	<u>Confirmation</u>	Environmental Con- firmations				

#### 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=3SU1150-2CF60-1NA0

Cax online generator

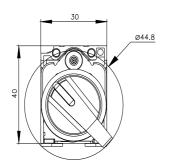
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-2CF60-1NA0

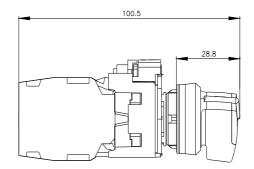
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

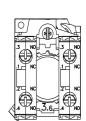
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-2CF60-1NA0

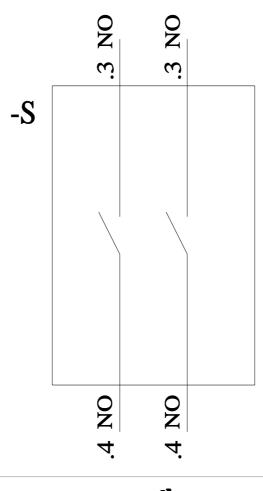
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1150-2CF60-1NA0&lang=en









#### last modified:

11/8/2023 🖸

12/7/2023