SIEMENS

Data sheet

3SU1150-2BF60-3BA0



Selector switch, illuminable, 22 mm, round, metal, shiny, white, selector switch, short, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, with holder, 1 NO, Spring-type terminal

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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				
 of supplied contact module at position 1 	<u>3SU1400-1AA10-3BA0</u>			
 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>			
 of the supplied actuator 	<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	1			
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	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		
• of the terminal degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13		
shock resistance	1, 2, 0, 01, 7, 7A, 12, 10		
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	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 mm ²)		
finely stranded with core end processing	2x (0.25 0.75 mm ²)		
for AWG cables	2x (0.23 1.3 mm) 2x (24 16)		
tightening torque of the screws in the bracket	1 1.2 N·m		
Safety related data	1 1.2 N III		
proportion of dangerous failures	20.1/		
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		
B10 value with high demand rate according to SN 31920	100 000		
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 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no 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 Potential [CO2 eq] after end of life	-0.267 kg		
Installation/ mounting/ dimensions			
fastening method			
of modules and accessories	Front plate mounting		

height		40 m	m		
width		32.3			
shape of the installati	on opening	roun			
mounting diameter		22.3	mm		
positive tolerance of i	nstallation diameter	0.4 n	nm		
mounting height		28.8	mm		
installation width		32.3	mm		
installation depth		49.7	mm		
pprovals Certificates					
General Product App	roval				Declaration of Con formity
(SP)	<u>Confirmation</u>			EHC	CE EG-Konf.
Declaration of Con- formity	Test Certificates		Marine / Shipping		
UK CA	Type Test Certific- ates/Test Report	Special Test Certific- ate	ABS	Lloyd's Register us	PRS
Marine / Shipping	other	Environment			
RINA	<u>Confirmation</u>	Environmental Con- firmations			
urther information					
https://press.siemens.c	to exit the Russian mar om/global/en/pressreleas n the renewal of the cur	e/siemens-wind-down-rus	sian-business		

ou 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,...)

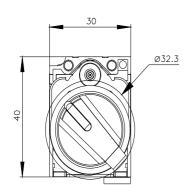
https://www.siemens.com/ic10 Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1150-2BF60-3BA0

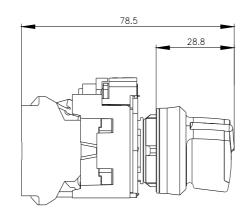
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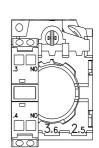
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-2BF60-3BA0

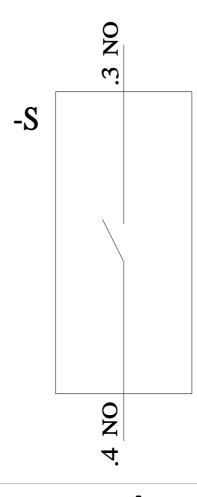
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-2BF60-3BA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-2BF60-3BA0&lang=en









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