SIEMENS

Data sheet

3SU1150-2BF60-1FA0



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+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			
 of supplied contact module at position 1 	<u>3SU1400-1AA10-1FA0</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	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)		

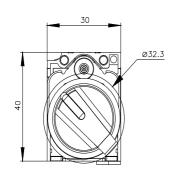
of the terminal	IP20, clamping screw tightened		
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13		
shock resistance			
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms		
vibration resistance			
according to IEC 60068-2-6	10 500 Hz: 5g		
operating frequency maximum	1 800 1/h		
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			
	One maloperation per 100 million (17 \/ 5 mA) and 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	1		
number of NO contacts for auxiliary contacts	1		
Connections/ Terminals			
	perew two terminals		
type of electrical connection	screw-type terminals		
of modules and accessories	Screw-type terminal		
type of connectable conductor cross-sections			
solid with core end processing	2x (0.5 0.75 mm ²)		
 solid without core end processing 	2x (1.0 1.5 mm ²)		
 finely stranded with core end processing 	2x (0.5 1.5 mm ²)		
 finely stranded without core end processing 	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			
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 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)		
Installation/ mounting/ dimensions			
fastening method	Front plate mounting		
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	71.7 mm		

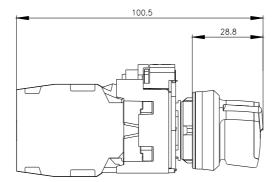
Certificates/ approvals						
General Product App	roval				Declaration of Con- formity	
SP M	<u>Confirmation</u>	CCC		EHC	CE EG-Konf.	
Declaration of Con- formity	Test Certificates		Marine / Shipping			
UK CA	Special Test Certific- ate	Type Test Certific- ates/Test Report	ABS	Llovd's Register us	PRS	
Marine / Shipping	other	Environment				
	<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)						

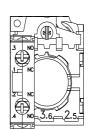
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1150-2BF60-1FA0

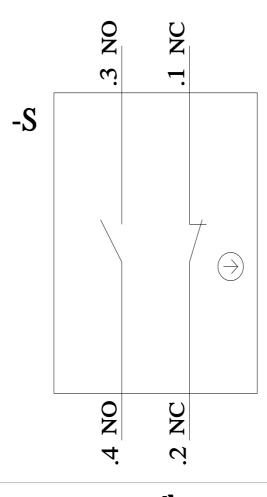
Cax online generator

Cax online generator <u>http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-2BF60-1FA0</u> Service&Support (Manuals, Certificates, Characteristics, FAQs,...) <u>https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-2BF60-1FA0</u> Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <u>http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-2BF60-1FA0&lang=en</u>









1/26/2022 🖸