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° , 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>3SU1400-1AA10-1BA0</u>		
 of supplied contact module at position 2 	<u>3SU1400-1AA10-1CA0</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	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	5 5001/
— 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
 of modules and accessories 	Screw-type terminal
type of connectable conductor cross-sections	
 solid with core end processing 	2x (0.5 0.75 mm²)
 solid without core end processing 	2x (1.0 1.5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²)
 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	05
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	
of modules and accessories	Front plate mounting
height	40 mm
width	32.3 mm
shape of the installation opening	round 22.3 mm
mounting diameter	
positivo toloranco of installation diameter	
positive tolerance of installation diameter	0.4 mm
positive tolerance of installation diameter mounting height installation width	

installation depth Certificates/ approvals		49.7	mm		
General Product App	roval				Declaration of Con- formity
		<u>Confirmation</u>		EAC	CE EG-Konf.
Declaration of Con- formity	Test Certificates		Marine / Shipping		
UK CA	Special Test Certific- ate	Type Test Certific- ates/Test Report	ABS	Lloyds Register Lis	PRS
Marine / Shipping	other	Environment			
RINA	Confirmation	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=3SU1150-2BF60-1MA0

Cax online generator

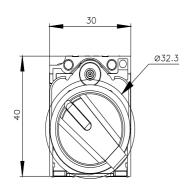
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-2BF60-1MA0

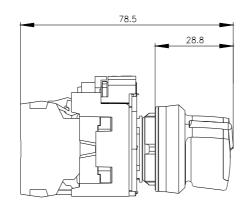
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

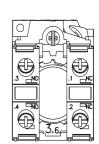
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-2BF60-1MA0

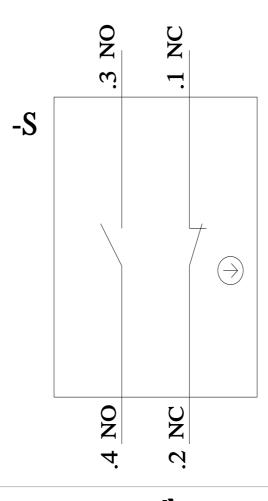
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

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









1/26/2022 🖸

7/10/2023