SIEMENS

Data sheet

3SU1150-0AB20-1CA0



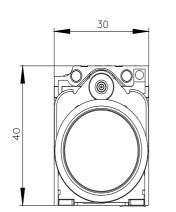
Pushbutton, 22 mm, round, metal, shiny, red, pushbutton, flat, momentary contact type, with holder, 1 NC, screw terminal

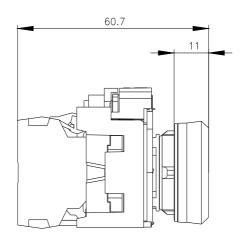
product brand name	SIRIUS ACT
product designation	Pushbuttons
design of the product	Complete unit
product type designation	3SU1
product line	Metal, shiny, 22 mm
manufacturer's article number	
 of supplied contact module at position 1 	<u>3SU1400-1AA10-1CA0</u>
 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>
 of the supplied actuator 	<u>3SU1050-0AB20-0AA0</u>
number of command points	1
Actuator	
design of the actuating element	Button, flat
principle of operation of the actuating element	momentary contact type
product extension optional light source	No
color of the actuating element	red
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.45 mm
number of contact modules	1
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

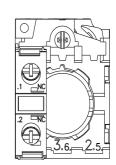
vibration resistance	
according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum	3 600 1/h
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	S
continuous current 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	(5 V, 1 mA)
	Silver alloy
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	Silver alloy
number of NO contacts for auxiliary contacts	0
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 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 mm ²)
• for AWG cables	2x (18 14)
tightening torque of the screws in the bracket	11.2 N·m
tightening torque with screw-type terminals	0.8 0.9 N·m
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	front plate mounting
 of modules and accessories 	Front plate mounting
height	40 mm
width	30 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	11 mm
installation width	29.5 mm
installation depth	49.7 mm
Approvals Certificates	
General Product Approval	
onsian nouder Approval	

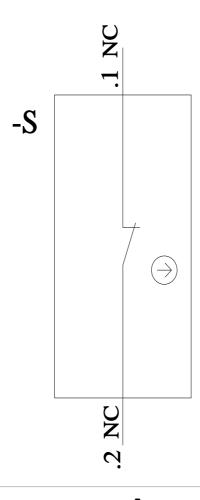
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General Product Ap- proval	Test Certificates		Marine / Shipping				
EHC	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	ABS	Llovds Register us	PRS		
Marine / Shipping	other						
RINA	<u>Confirmation</u>						
Further 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 o	ordering system)	talog/product?mlfb=3SU11	1 <u>50-0AB20-1CA0</u>				

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