



Pushbutton, 22 mm, round, plastic with metal front ring, red, pushbutton, raised, 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	Plastic with metal front ring, matt, 22 mm
manufacturer's article number	
• of supplied contact module at position 1	3SU1400-1AA10-1CA0
• of the supplied holder	3SU1550-0AA10-0AA0
• of the supplied actuator	3SU1030-0BB20-0AA0
number of command points	1
Actuator	
design of the actuating element	Button, raised
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, matt
color of the front ring	sand gray
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

<ul style="list-style-type: none">for railway applications according to EN 61373	Category 1, Class B	
vibration resistance		
<ul style="list-style-type: none">according to IEC 60068-2-6	10 ... 500 Hz: 5g	
<ul style="list-style-type: none">for railway applications according to EN 61373	Category 1, Class B	
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		
<ul style="list-style-type: none">at AC		
<ul style="list-style-type: none"><ul style="list-style-type: none">at 50 Hz rated value	5 ... 500 V	
<ul style="list-style-type: none"><ul style="list-style-type: none">at 60 Hz rated value	5 ... 500 V	
<ul style="list-style-type: none">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	0	
Connections/ Terminals		
type of electrical connection	screw terminal	
<ul style="list-style-type: none">of modules and accessories	Screw-type terminal	
type of connectable conductor cross-sections		
<ul style="list-style-type: none">solid with core end processing	2x (0.5 ... 0.75 mm²)	
<ul style="list-style-type: none">solid without core end processing	2x (1.0 ... 1.5 mm²)	
<ul style="list-style-type: none">finely stranded with core end processing	2x (0.5 ... 1.5 mm²)	
<ul style="list-style-type: none">finely stranded without core end processing	2x (1,0 ... 1,5 mm²)	
<ul style="list-style-type: none">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	
Ambient conditions		
ambient temperature		
<ul style="list-style-type: none">during operation	-25 ... +70 °C	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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	16.2 mm	
installation width	29.5 mm	
installation depth	49.7 mm	
Approvals Certificates		
General Product Approval	Test Certificates	Marine / Shipping



[Special Test Certificate](#)



[Confirmation](#)**Further information**

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=3SU1130-0BB20-1CA0>

Cax online generator

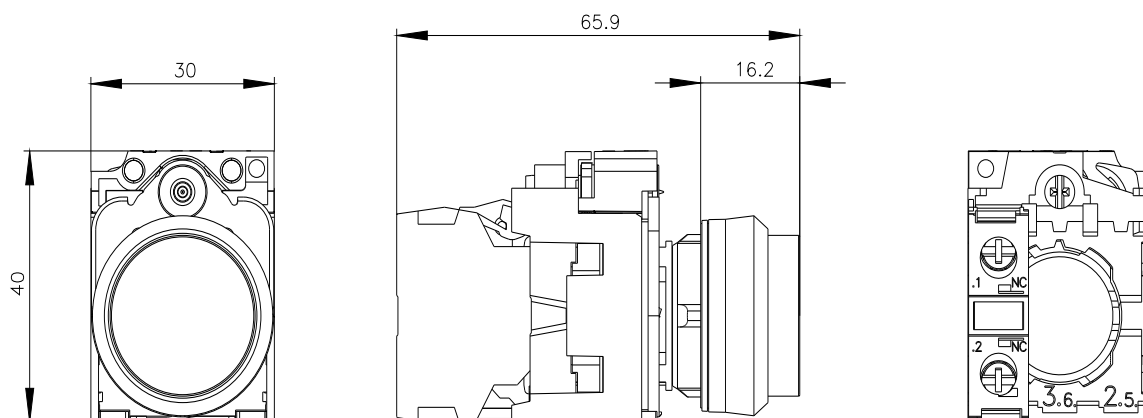
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-0BB20-1CA0>

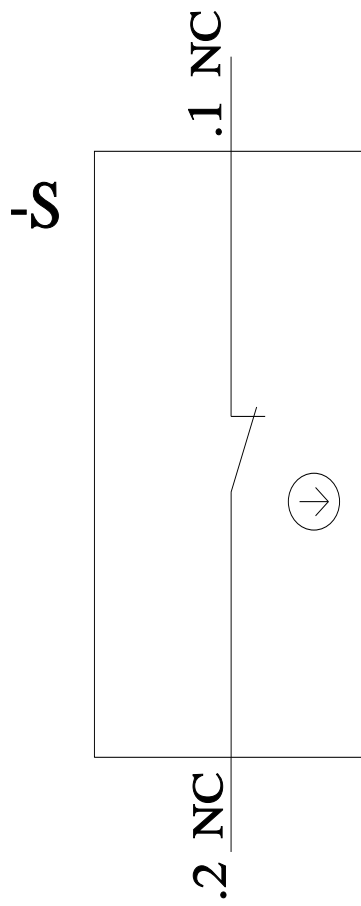
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-0BB20-1CA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-0BB20-1CA0&lang=en





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