



Pushbutton, 22 mm, round, plastic with metal front ring, black, pushbutton, flat, momentary contact type, with holder, 1 NC, screw terminal, with laser labeling, upper case and lower case, always upper case at beginning of line

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	3SU1030-0AB10-0AA0
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	black
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	29.45 mm
marking of the actuating element	Customized labeling, text in lower case / capital letters, all lines start with capital letter
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 <ul style="list-style-type: none">• according to IEC 60068-2-27• for railway applications according to EN 61373		sinusoidal half-wave 15g / 11 ms Category 1, Class B
vibration resistance <ul style="list-style-type: none">• according to IEC 60068-2-6• for railway applications according to EN 61373		10 ... 500 Hz: 5g 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">— at 50 Hz rated value— at 60 Hz rated value• at DC rated value		5 ... 500 V 5 ... 500 V 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 <ul style="list-style-type: none">• of modules and accessories		screw terminal Screw-type terminal
type of connectable conductor cross-sections <ul style="list-style-type: none">• solid with core end processing• solid without core end processing• finely stranded with core end processing• finely stranded without core end processing• for AWG cables		2x (0.5 ... 0.75 mm²) 2x (1.0 ... 1.5 mm²) 2x (0.5 ... 1.5 mm²) 2x (1,0 ... 1,5 mm²) 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• during storage		-25 ... +70 °C -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 <ul style="list-style-type: none">• of modules and accessories		front plate mounting 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		Test Certificates
		Marine / Shipping



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping

other



[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=3SU1130-0AB10-1CA0-Z Y10>

Cax online generator

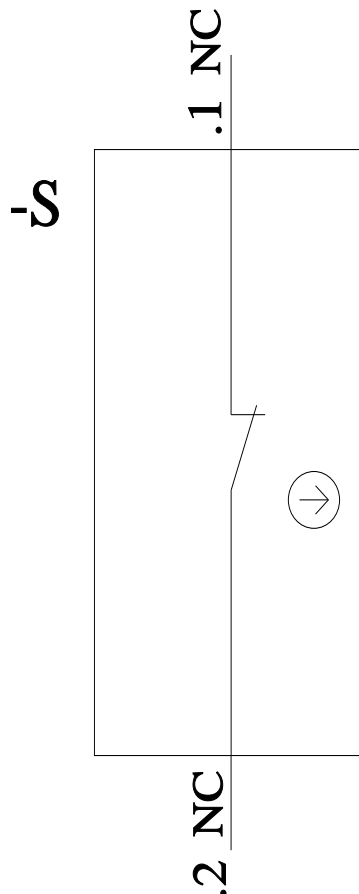
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-0AB10-1CA0-Z Y10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-0AB10-1CA0-Z Y10>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-0AB10-1CA0-Z Y10&lang=en



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