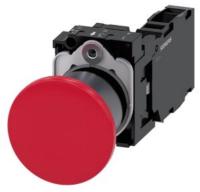
3SU1130-1BA20-1FA0

Data sheet



Mushroom pushbutton, 22 mm, round, plastic with metal front ring, red, 40 mm, latching, pull-to-unlatch mechanism, with holder, 1 NO+1 NC, screw terminal

product brand namo	SIRIUS ACT	
product brand name		
product designation	Mushroom 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	2011/100 111/10	
of supplied contact module at position 1	3SU1400-1AA10-1FA0	
of the supplied holder	3SU1550-0AA10-0AA0	
of the supplied actuator	3SU1030-1BA20-0AA0	
Enclosure		
number of command points	1	
Actuator		
principle of operation of the actuating element	latching	
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	40 mm	
number of contact modules	1	
type of unlocking device	pull-to-unlatch mechanism	
number of switching positions	2	
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 LEDs	0	
General technical data		
product function		
positive opening	Yes	
EMERGENCY OFF function	No	
EMERGENCY STOP function	No	
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	
3 3 3 3 3 3 3 3 3 3		

General Product Approval	Declaration of Conformity
Sertificates/ approvais	Dealers (1) (1)
Certificates/ approvals	
installation with	71.7 mm
installation width	40 mm
mounting height	27.5 mm
mounting diameter positive tolerance of installation diameter	0.4 mm
shape of the installation opening	22.3 mm
	40 mm
height	40 mm
of modules and accessories	Front plate mounting
fastening method	Front plate mounting
60721 estallation/ mounting/ dimensions	Condensation in operation permitted for all devices bening from panel)
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
during storage	-40 +80 °C
during operation	-25 +70 °C
ambient temperature	
mbient conditions	
tightening torque with screw-type terminals	0.8 0.9 N·m
tightening torque of the screws in the bracket	1 1.2 N·m
• for AWG cables	2x (18 14)
 finely stranded without core end processing 	2x (1,0 1,5 mm²)
 finely stranded with core end processing 	2x (0.5 1.5 mm²)
 solid without core end processing 	2x (1.0 1.5 mm²)
 solid with core end processing 	2x (0.5 0.75 mm²)
type of connectable conductor cross-sections	
type of electrical connection of modules and accessories	Screw-type terminal
onnections/ Terminals	
number of NO contacts for auxiliary contacts	1
number of NC contacts for auxiliary contacts	1
design of the contact of auxiliary contacts	Silver alloy
uxiliary circuit	
•	(5 V, 1 mÅ)
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
ower Electronics	
at DC rated value	5 500 V
— at 60 Hz rated value	5 500 V
— at 50 Hz rated value	5 500 V
• at AC	
operating voltage	
Substance Prohibitance (Date)	10/01/2014
continuous current of the DIAZED fuse link gG	10 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
reference code according to IEC 81346-2	P 40 A 7 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1
thermal current	10 A
electrical endurance (operating cycles) typical	10 000 000
mechanical service life (operating cycles) typical	500 000
operating frequency maximum	1 800 1/h
for railway applications according to EN 61373	Category 1, Class B
• according to IEC 60068-2-6	10 500 Hz: 5g
vibration resistance	
for railway applications according to EN 61373	Category 1, Class B
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
shock resistance	
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
of the terminal	IP20, clamping screw tightened
protection class IP	IP66, IP67, IP69(IP69K)





Confirmation







Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other



Confirmation

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=3SU1130-1BA20-1FA0

Cax online generator

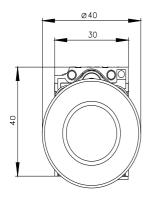
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1130-1BA20-1FA0}$

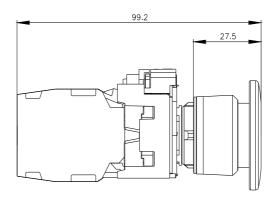
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

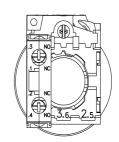
https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-1BA20-1FA0

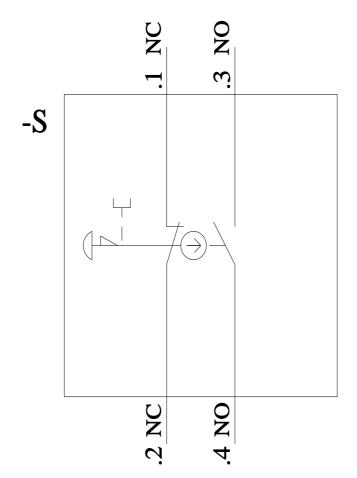
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1130-1BA20-1FA0&lang=en









last modified: 1/27/2022 🖸

