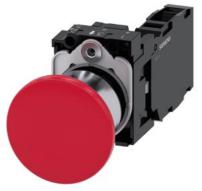
3SU1150-1BA20-1FA0

Data sheet



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

product brand name	SIRIUS ACT
product designation	Mushroom 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>3SU1400-1AA10-1FA0</u>
 of the supplied holder 	<u>3SU1550-0AA10-0AA0</u>
 of the supplied actuator 	3SU1050-1BA20-0AA0
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, high gloss
color of the front ring	silver
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
-	

protection class IP	IP66, IP67, IP69(IP69K)		
of the terminal	IP20, clamping screw tightened		
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	500 000		
electrical endurance (operating cycles) typical	10 000 000		
thermal current	10 A		
reference code according to IEC 81346-2	Р		
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 malo	operation per 10 million	
,	(5 V, 1 mA)	, por autori por 10 minori	
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 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		
Ambient conditions	5.6 m 5.6 m		
ambient temperature			
during operation	-25 +70 °C		
during operation during storage	-40 +80 °C		
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no		
60721	condensation in operation permitted for all devices behin	u nont paner)	
Installation/ mounting/ dimensions			
fastening method	From to lake measurating		
of modules and accessories	Front plate mounting		
height	40 mm		
width	40 mm		
shape of the installation opening	round		
mounting diameter	22.3 mm		
positive tolerance of installation diameter	0.4 mm		
mounting height	27.5 mm		
installation width	40 mm		
installation width installation depth	40 mm 71.7 mm		



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping



Special Test Certificate

Type Test Certificates/Test Report







Marine / Shipping

other

Environment



Confirmation

Environmental Confirmations

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=3SU1150-1BA20-1FA0

Cax online generator

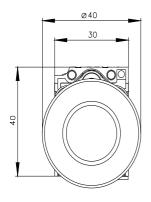
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1150-1BA20-1FA0}\\$

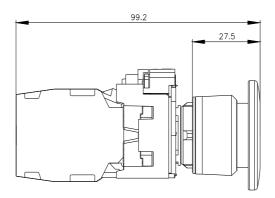
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-1BA20-1FA0

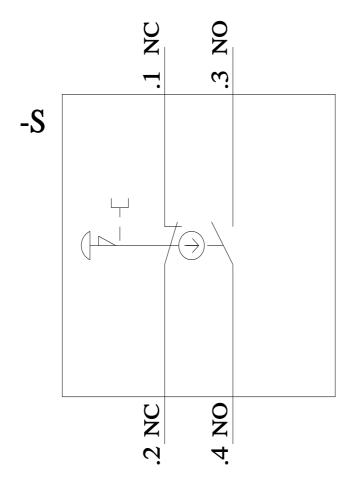
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-1BA20-1FA0&lang=en









last modified: 1/27/2022 🖸

