## **SIEMENS**

## **Data sheet**



Mushroom pushbutton, 22 mm, round, plastic, red, 40mm, latching, pull-to-unlatch mechanism, with holder, 1 NO+1 NC, spring-type terminal, with laser labeling, upper case

product brand name product designation design of the product Complete unit product type designation product line Plastic, black, 22 mm  manufacturer's article number of supplied contact module at position 1 supplied holder of the supplied actuator substituting the supplied actuator authorized actuator substituting the supplied actuator  number of command points 1 Actuator principle of operation of the actuating element product extension optional light source color of the actuating element red material of the actuating element plastic shape of the actuating element round outer diameter of the actuating element Any inscription, text in upper case number of contact modules 1 type of unlocking device pull-to-unlatch mechanism number of switching positions 2 Front ring product component front ring design of the front ring material of the holder Display number of LEDs 0  Mushou-JAA10-JAA10-JAA0 JSU1400-JAA10-JAA0 JSU1400-JA			
design of the product product type designation  3SU1 product line Plastic, black, 22 mm manufacturer's article number  of supplied contact module at position 1 SSU1400-1AA10-3FA0 of the supplied holder of the supplied actuator  Inclosure number of command points  Actuator  principle of operation of the actuating element product extension optional light source number of the actuating element material of the actuating element plastic shape of the actuating element number of contact modules type of unlocking device number of contact modules 1 type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring material of the front ring material of the fholder plastic  Standard material of the fholder Plastic  Display number of LEDs  O  Complete unit Plastic Display number of LEDs  Complete unit Plastic, 22 mm Plastic, 22 mm  assuria, 22 mm  subject, 24 mm subject, 24 mm subject, 24 mm subject, 25 mm	product brand name	SIRIUS ACT	
product type designation product line Plastic, black, 22 mm  manufacturer's article number  of supplied contact module at position 1 of the supplied holder of the supplied actuator  Sul1400-1AA10-3FA0 Sul1550-0AA10-0AA0 of the supplied actuator  Enclosure number of command points  Actuator  principle of operation of the actuating element product extension optional light source color of the actuating element shape of the actuating element plastic shape of the actuating element puter diameter of the actuating element number of contact modules type of unlocking device number of switching positions  Front ing product component front ring design of the front ring material of the front ring material of the front ring plastic plast	product designation	Mushroom pushbuttons	
product line Plastic, black, 22 mm manufacturer's article number  of supplied contact module at position 1 3SU1400-1AA10-3FA0 of the supplied holder 3SU1500-0AA10-0AA0 of the supplied actuator 3SU1000-1BA20-0AA0  Enclosure number of command points 1 Actuator  principle of operation of the actuating element latching product extension optional light source color of the actuating element red material of the actuating element plastic shape of the actuating element avolute diameter of the actuating element Any inscription, text in upper case number of contact modules 1 type of unlocking device pull-to-unlatch mechanism number of switching positions 2  product component front ring Standard material of the front ring plastic color of the front ring plastic black Holder material of the holder Display number of LEDs  Plastic	design of the product	Complete unit	
manufacturer's article number  • of supplied contact module at position 1  • of the supplied holder • of the supplied actuator  3SU1550-0AA10-0AA0  • of the supplied actuator  3SU1000-1BA20-0AA0  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   plastic   material of the actuating element   40 mm   marking of the actuating element   Any inscription, text in upper case   number of contact modules   1  type of unlocking device   pull-to-unlatch mechanism   number of switching positions   2  Front ring   Yes   design of the front ring   plastic   color of the front ring   plastic   Display   number of LEDS   0	product type designation	3SU1	
of supplied contact module at position 1     of the supplied holder     of the supplied actuator     of the supplied actuator     of the supplied actuator      Enclosure  number of command points  Actuator  principle of operation of the actuating element product extension optional light source color of the actuating element plastic shape of the actuating element round outer diameter of the actuating element Any inscription, text in upper case number of contact modules type of unlocking device pull-to-unlatch mechanism number of switching positions  product component front ring Yes design of the front ring plastic color of the front ring material of the holder Plastic  Display number of LEDs   1  3SU1400-1AA10-3FA0 3SU1550-0AA10-0AA0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	product line	Plastic, black, 22 mm	
of the supplied holder     of the supplied actuator      inclosure  number of command points  Actuator  principle of operation of the actuating element product extension optional light source  color of the actuating element material of the actuating element plastic shape of the actuating element marking of the actuating element marking of the actuating element and the actuating element outer diameter of the actuating element Any inscription, text in upper case number of contact modules 1 type of unlocking device number of switching positions 2  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic  Display number of LEDs  0	manufacturer's article number		
of the supplied actuator  Enclosure  number of command points  Actuator  principle of operation of the actuating element product extension optional light source  color of the actuating element material of the actuating element plastic shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text in upper case number of contact modules type of unlocking device number of switching positions  product component front ring design of the front ring material of the front ring plastic color of the front ring plastic	<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-3FA0</u>	
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   Any inscription, text in upper case   number of contact modules   1   type of unlocking device   pull-to-unlatch mechanism   number of switching positions   2    Front ring   product component front ring   Standard   material of the front ring   plastic   color of the front ring   black   Holder   material of the holder   Plastic   Display   number of LEDs   0	<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>	
number of command points  Actuator  principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element marking of the actuating element outer diameter of the actuating element Any inscription, text in upper case number of contact modules 1 type of unlocking device number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring black Holder material of the holder Plastic Display number of LEDs  No No Any No	<ul> <li>of the supplied actuator</li> </ul>	3SU1000-1BA20-0AA0	
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   Any inscription, text in upper case   number of contact modules   1   type of unlocking device   pull-to-unlatch mechanism   number of switching positions   2   product component front ring   Yes   design of the front ring   Standard   material of the front ring   plastic   color of the front ring   black   Holder   material of the holder   Plastic   Display   number of LEDs   0	Enclosure		
principle of operation of the actuating element product extension optional light source No color of the actuating element material of the actuating element plastic shape of the actuating element outer diameter of the actuating element marking of the actuating element Any inscription, text in upper case number of contact modules 1 type of unlocking device number of switching positions 2  Front ring product component front ring design of the front ring material of the front ring plastic color of the front ring black Holder material of the holder Plastic  Display number of LEDs  No	number of command points	1	
product extension optional light source color of the actuating element material of the actuating element shape of the actuating element outer diameter of the actuating element marking of the actuating element marking of the actuating element Any inscription, text in upper case number of contact modules 1 type of unlocking device pull-to-unlatch mechanism number of switching positions 2 Front ring product component front ring design of the front ring material of the front ring black Holder material of the holder Display number of LEDs  No	Actuator		
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 marking of the actuating element Any inscription, text in upper case 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 plastic color of the front ring plastic color of the front ring Plastic  Display number of LEDs 0	principle of operation of the actuating element	latching	
material of the actuating element round outer diameter of the actuating element 40 mm marking of the actuating element Any inscription, text in upper case 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 black Holder material of the holder Plastic  Display number of LEDs 0	product extension optional light source	No	
shape of the actuating element outer diameter of the actuating element marking of the actuating element number of contact modules type of unlocking device number of switching positions 2  Front ring product component front ring design of the front ring material of the front ring color of the front ring material of the holder  Display number of LEDs  Pays not set actuating element Any inscription, text in upper case  1  Yes  2  Front ring  Pes  Standard  plastic  color of the front ring black  Holder  Plastic	color of the actuating element	red	
outer diameter of the actuating element  marking of the actuating element  Any inscription, text in upper case  number of contact modules  1  type of unlocking device  number of switching positions  2  Front ring  product component front ring  design of the front ring  material of the front ring  material of the holder  material of the holder  Display  number of LEDs  Any inscription, text in upper case  Any inscription, text in upper case  1  Standard  pull-to-unlatch mechanism  2  Yes  Standard  Plastic  Plastic  Display  number of LEDs	material of the actuating element	plastic	
marking of the actuating element number of contact modules  type of unlocking device number of switching positions  product component front ring product component front ring design of the front ring material of the front ring material of the holder  Display number of LEDs  Any inscription, text in upper case  Any inscription, text in upper case  1  Any inscription, text in upper case  1  Standard  pull-to-unlatch mechanism  2  Front ring Yes Standard  plastic  black  Holder  Plastic	shape of the actuating element	round	
number of contact modules  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 plastic color of the front ring black  Holder material of the holder Plastic  Display number of LEDs 0	outer diameter of the actuating element	40 mm	
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 plastic color of the front ring black  Holder material of the holder Plastic  Display number of LEDs 0	marking of the actuating element	Any inscription, text in upper case	
number of switching positions  Front ring  product component front ring  design of the front ring  material of the front ring  color of the front ring  black  Holder  material of the holder  Plastic  Display  number of LEDs  0	number of contact modules	1	
Front ring product component front ring design of the front ring material of the front ring color of the front ring black Holder material of the holder Plastic  Display number of LEDs  Yes Standard plastic plastic plastic plastic  Plastic	type of unlocking device	pull-to-unlatch mechanism	
product component front ring  design of the front ring  material of the front ring  color of the front ring  black  Holder  material of the holder  Plastic  Display  number of LEDs  Yes  Standard  Plastic  plastic  plastic  Plastic	number of switching positions	2	
design of the front ring material of the front ring color of the front ring black Holder material of the holder  Display number of LEDs  Standard plastic plastic  Plastic  0	Front ring		
material of the front ring plastic color of the front ring black  Holder material of the holder Plastic  Display number of LEDs 0	product component front ring	Yes	
color of the front ring black  Holder  material of the holder Plastic  Display number of LEDs 0	design of the front ring	Standard	
Holder material of the holder  Display number of LEDs  0	material of the front ring	plastic	
material of the holder Plastic  Display number of LEDs 0	color of the front ring	black	
Display 0	Holder		
number of LEDs 0	material of the holder	Plastic	
	Display		
	number of LEDs	0	
General technical data	General technical data		
product function	product function		
• positive opening Yes	<ul> <li>positive opening</li> </ul>	Yes	
• EMERGENCY OFF function No	EMERGENCY OFF function	No	
EMERGENCY STOP function     No	EMERGENCY STOP function	No	
product component light source No	product component light source	No	
insulation voltage rated value 500 V		500 V	
degree of pollution 3		3	
type of voltage of the operating voltage AC/DC	<u> </u>	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> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
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	P
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	
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	Spring-type terminal
type of connectable conductor cross-sections	
<ul> <li>solid without core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.25 0.75 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	2x (0.25 1.5 mm²)
for AWG cables	2x (24 16)
tightening torque of the screws in the bracket	1 1.2 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)
nstallation/ mounting/ dimensions	
fastening method	
<ul> <li>of modules and accessories</li> </ul>	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 depth	71.7 mm
Certificates/ approvals	
Further information	
Siemens has decided to exit the Russian market (see here).	
	d decree services becomes

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,...)

Industry Mall (Online ordering system)

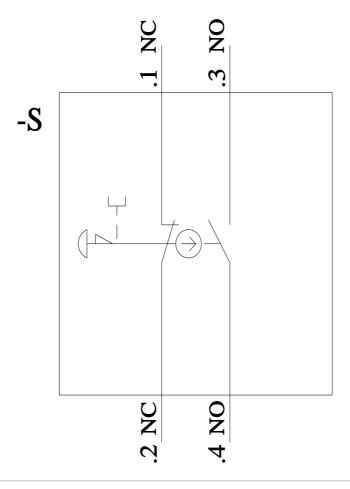
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1100-1BA20-3FA0-Z Y11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-1BA20-3FA0-Z Y11

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-1BA20-3FA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1100-1BA20-3FA0-Z Y11&lang=en



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