## SIEMENS

## Data sheet

## 3SU1130-4BF11-3FA0



RONIS keyswitch, 22 mm, round, plastic with metal front ring, Lock number SB30, with 2 keys, 2 switch positions O-I, latching, 10:30/1:30 o'clock, key removal O+I, with holder, 1 NO+1 NC, spring-type terminal, possible special locks: SB31, 421, 455

product brand name	SIRIUS ACT		
product designation	Key-operated switches		
design of the product	Complete unit		
product type designation	3SU1		
product line	Plastic with metal front ring, matt, 22 mm		
manufacturer's article number			
<ul> <li>of included key</li> </ul>	<u>3SU1950-0FB80-0AA0</u>		
<ul> <li>of supplied contact module</li> </ul>	<u>3SU1400-1AA10-3FA0</u>		
<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-3FA0</u>		
<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>		
<ul> <li>of the supplied actuator</li> </ul>	<u>3SU1030-4BF11-0AA0</u>		
Enclosure			
shape of the enclosure front	round		
number of command points	1		
Actuator			
principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)		
product extension optional light source	No		
color of the actuating element	silver		
material of the actuating element	metal		
shape of the actuating element	Кеу		
outer diameter of the actuating element	29.5 mm		
number of contact modules	1		
number of switching positions	2		
switch position for key distraction	O+I		
actuating angle			
clockwise	90°		
lock make	RONIS		
key number	SB30		
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		
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)
<ul> <li>of the terminal</li> </ul>	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	300 000
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
	10/01/2014
Substance Prohibitance (Date)	10/0 1/20 14
operating voltage	5 500 \/
• rated value	5 500 V
• at AC	E E00.1/
— 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
	1
number of NO contacts for auxiliary contacts Connections/ Terminals	1
type of electrical connection	
of modules and accessories	Spring-type terminal
type of connectable conductor cross-sections	
solid without core end processing	2x (0.25 1.5 mm <sup>2</sup> )
<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 mm <sup>2</sup> )
for AWG cables	2x (24 16)
tightening torque of the screws in the bracket	1 1.2 N·m
tightening torque for auxiliary contacts with screw-type terminals	0.8 0.9 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)
Installation/ mounting/ dimensions	
Installation/ mounting/ dimensions	Front plate mounting
Installation/ mounting/ dimensions fastening method	Front plate mounting 40 mm
Installation/ mounting/ dimensions fastening method • of modules and accessories	
Installation/ mounting/ dimensions fastening method • of modules and accessories height	40 mm
Installation/ mounting/ dimensions fastening method • of modules and accessories height width shape of the installation opening	40 mm 30 mm
Installation/ mounting/ dimensions fastening method • of modules and accessories height width	40 mm 30 mm round
Installation/ mounting/ dimensions fastening method • of modules and accessories height width shape of the installation opening mounting diameter positive tolerance of installation diameter	40 mm 30 mm round 22.3 mm 0.4 mm
Installation/ mounting/ dimensions fastening method • of modules and accessories height width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height	40 mm 30 mm round 22.3 mm 0.4 mm 49.4 mm
Installation/ mounting/ dimensions fastening method • of modules and accessories height width shape of the installation opening mounting diameter positive tolerance of installation diameter	40 mm 30 mm round 22.3 mm 0.4 mm

General Product App	roval				Declaration of Con- formity	
	CCC	<u>Confirmation</u>		EAC	UK CA	
Declaration of Con- formity	Test Certificates		Marine / Shipping			
CE EG-Konf.	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	ABS	Hoyd's Register uis	PRS	
Marine / Shipping	other					
RINA	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=3SU1130-4BF11-3FA0

Cax online generator

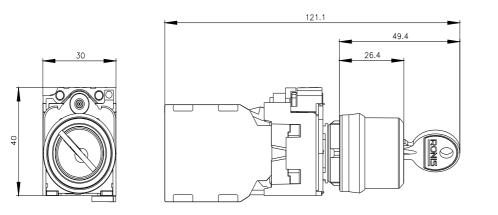
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1130-4BF11-3FA0

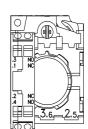
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

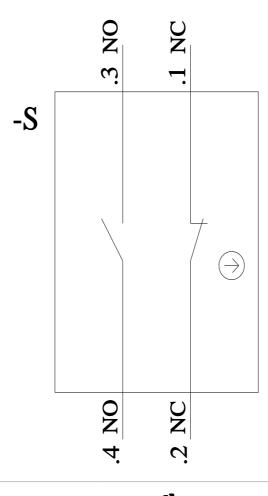
https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-4BF11-3FA0

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1130-4BF11-3FA0&lang=en







1/27/2022 🖸

7/10/2023