## **SIEMENS**

Data sheet 3SE5122-0BB01



Position switch Metal enclosure 56 mm wide Device connection 3x (M20x 1.5) 1 NO/1 NC slow-action contacts Plain plunger, stainless steel

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
of the supplied basic switch	3SE5122-0BA00
of the supplied actuator head for position switches	3SE5000-0AB01
of the supplied switching contacts	3SE5000-0BA00
of the supplied empty enclosure with cover	3SE5122-0AA00
suitability for use safety switch	Yes
General technical data	
product function positive opening	Yes
insulation voltage rated value	400 V
degree of pollution	class 3
surge voltage resistance rated value	6 kV
protection class IP	IP66/IP67
shock resistance	
• according to IEC 60068-2-27	30g / 11 ms
vibration resistance according to IEC 60068-2-6	0.35 mm/5g
mechanical service life (operating cycles) typical	15 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	10 A
material of the enclosure of the switch head	metal
reference code according to IEC 81346-2	В
continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
continuous current of the DIAZED fuse link gG	6 A
active principle	mechanical
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
minimum actuating force in directions of actuation	20 N
length of the sensor	85.7 mm
width of the sensor	56 mm
Ambient conditions	
ambient temperature	
during operation	-25 +85 °C
during storage	-40 +90 °C
explosion protection category for dust	none
design of the switching contact	mechanical
operating frequency rated value	50 60 Hz

number of NC contacts for auxiliary contacts	1		
number of NO contacts for auxiliary contacts	1		
operational current at AC-15	<u> </u>		
at 24 V rated value	6 A		
at 125 V rated value	6 A		
at 240 V rated value	6 A		
at 400 V rated value	4 A		
operational current at DC-13	***		
• at 24 V rated value	3 A		
at 125 V rated value	0.55 A		
at 250 V rated value     at 250 V rated value	0.35 A 0.27 A		
at 400 V rated value     at 400 V rated value			
	0.12 A		
Enclosure	block wide		
design of the housing material of the enclosure	block, wide metal		
coating of the enclosure	cathodic dip coating		
design of the housing according to standard	No		
Drive Head			
design of the actuating element	Rounded plunger, high-grade steel plunger		
standard-compliant actuator head	EN 50041, design B		
shape of the switch head	rounded		
design of the switching function	positive opening		
circuit principle	slow-action contacts		
number of switching contacts safety-related	1		
cable entry type	3x (M20 x 1.5)		
Installation/ mounting/ dimensions			
mounting position	any		
fastening method	screw fixing		
Connections/ Terminals			
type of electrical connection	screw-type terminals		
type of connectable conductor cross-sections			
• solid	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)		
<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)		
<ul> <li>for AWG cables solid</li> </ul>	1x (20 16), 2x (20 18)	1x (20 16), 2x (20 18)	
for AWG cables stranded	1x (20 16), 2x (20 18)	1x (20 16), 2x (20 18)	
design of the interface for safety-related communication	without		
Communication/ Protocol			
design of the interface	without		
Certificates/ approvals			
General Product Approval		Functional Safety/Safety of Ma- chinery	

chinery



Confirmation







Type Examination Cer**tificate** 

**Declaration of Conformity** 

**Test Certificates** 

other





Type Test Certificates/Test Report

Confirmation

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

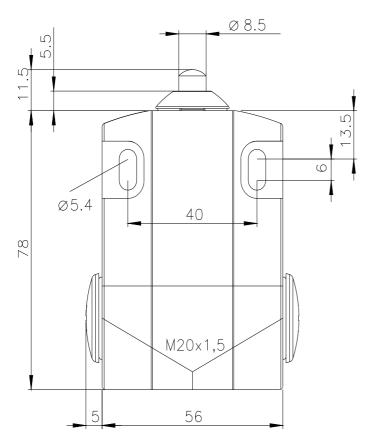
Industry Mall (Online ordering system)
<a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5122-0BB01">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5122-0BB01</a>

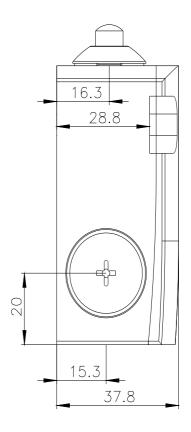
Cax online generator

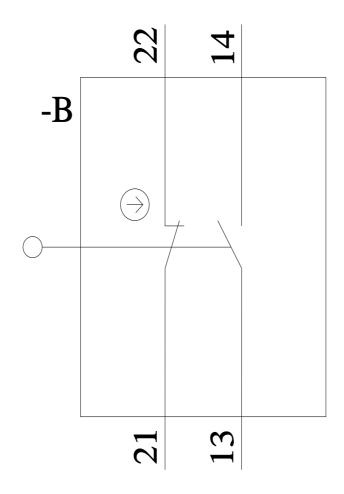
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5122-0BB01

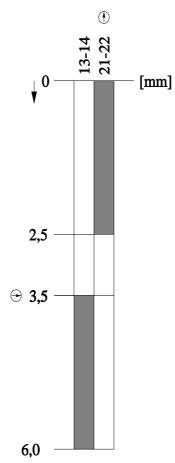
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5122-0BB01&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5122-0BB01&lang=en</a>









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