## 3SE5122-0CD02-1AA7

**Data sheet** 



Position switch Metal enclosure 56 mm wide Device connection 3 x (M20 x 1.5) 1 NO/1 NC quick action contacts, Roller plunger with 3 mm overtravel, Stainless steel roller 13 mm Actuating/restoring force 30 N, only available as complete unit

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
<ul> <li>of the supplied switching contacts</li> </ul>	3SE5000-0CA00
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	
<ul> <li>according to IEC 60068-2-27</li> </ul>	30g / 11 ms
vibration resistance according to IEC 60068-2-6	0.35 mm/5g
mechanical service life (operating cycles) typical	3 000 000
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	30 N
length of the sensor	116.5 mm
width of the sensor	56 mm
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-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	

	Functional
without	
without	
1x (20 16), 2x (20 18)	
1x (20 16), 2x (20 18)	
1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)	
1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)	
screw-type terminals	
screw fixing	
any	
3x (M20 x 1.5)	
1	
snap-action contacts	
positive opening	
EN 50041, design C	
Roller plunger, high-grade steel roller	
No	
cathodic dip coating	
metal	
block, wide	
0.12 A	
0.27 A	
0.55 A	
3 A	
4 A	
6 A	
6 A	
	6 A 4 A  3 A 0.55 A 0.27 A 0.12 A  block, wide metal cathodic dip coating No  Roller plunger, high-grade steel roller EN 50041, design C positive opening snap-action contacts 1 3x (M20 x 1.5)  any screw fixing  1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) 1x (20 16), 2x (20 18) 1x (20 16), 2x (20 18)

**General Product Approval** 

Functional Safety/Safety of Machinery



Confirmation







Type Examination Certificate

**Declaration of Conformity** 

**Test Certificates** 

other





Type Test Certificates/Test Report 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)

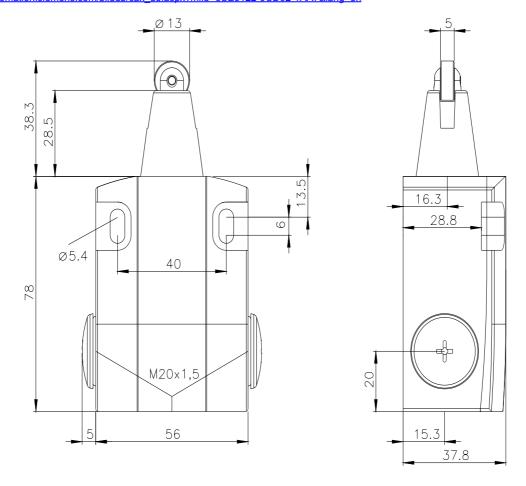
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5122-0CD02-1AA7

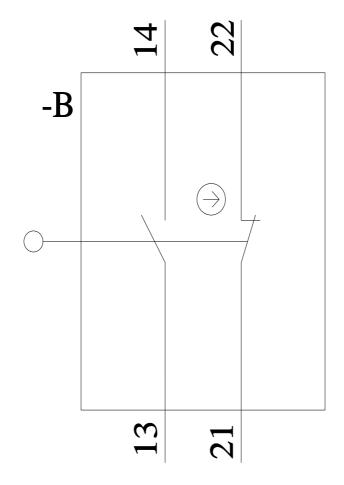
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5122-0CD02-1AA7

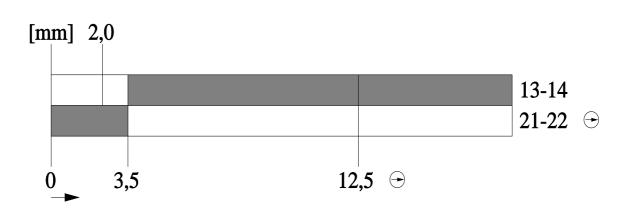
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5122-0CD02-1AA7

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=3SE5122-0CD02-1AA7&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5122-0CD02-1AA7&lang=en</a>







last modified: 4/7/2022 🖸