## **SIEMENS**

## **Data sheet**

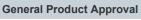
3SE5122-0CE03-1DA0



SIRIUS POSITION SWITCH ATEX METAL ENCLOSURE 56MM WIDE DEVICE CONNECTION 3X (M20X1.5) 1NO/ 1NC SNAP-ACTION CONTACTS STAINLESS STEEL ROLLER LEVER AND PLASTIC ROLLER 22MM

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
<ul> <li>of the supplied basic switch</li> </ul>	3SE5122-0CA00-1DA0
<ul> <li>of the supplied actuator head for position switches</li> </ul>	3SE5000-0AE03
of the supplied switching contacts	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	
• according to IEC 60068-2-27	30g / 11 ms
vibration resistance according to IEC 60068-2-6	0.35 mm/5g
mechanical service life (switching cycles) typical	15 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	100 000
electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical	10 000 000
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026	6 000
thermal current	6 A
material of the enclosure of the switch head	plastic
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	10 N
length of the sensor	119 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	Zone 21, 94/9/EC II 2D
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	
at 24 V rated value	6 A
at 125 V rated value	6 A
at 230 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 230 V rated value	0.27 A
at 400 V rated value	0.1 A
Enclosure	
design of the housing	block, wide
material of the enclosure	metal
coating of the enclosure	cathodic dip coating
design of the housing according to standard	No
Drive Head	
design of the actuating element	Roller lever, high-grade steel lever, plastic roller
standard-compliant actuator head	EN 50041
shape of the switch head	roller
design of the switching function	positive opening
circuit principle	snap-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>at AWG cables solid</li> </ul>	1x (20 16), 2x (20 18)
at AWG cables stranded	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	







Confirmation







Functional	
Safety/Safety	of
Machinery	

**Declaration of Conformity** 

**Test Certificates** 

other

Type Examination Certificate





Type Test Certificates/Test Report

Type Test Certificates/Test Report

Confirmation

## Further information

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=3SE5122-0CE03-1DA0

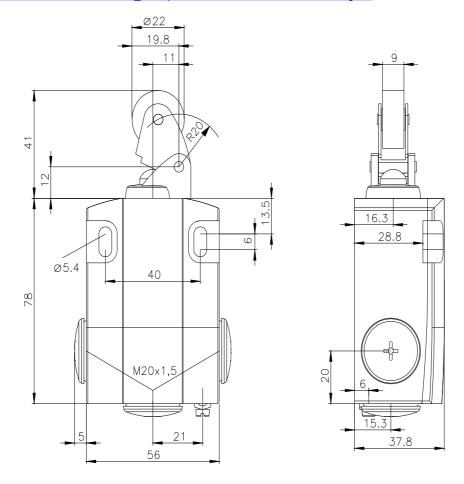
Cax online generator

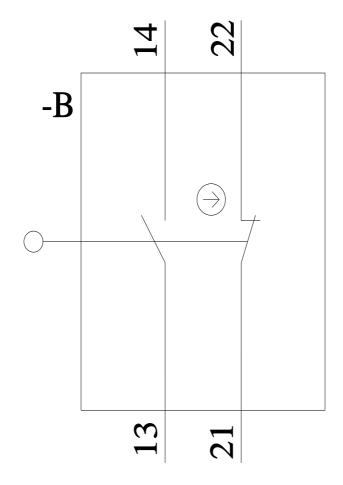
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5122-0CE03-1DA0

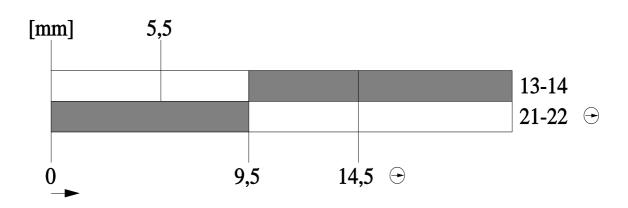
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5122-0CE03-1DA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=3SE5122-0CE03-1DA0&lang=en







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