SIEMENS

Product data sheet 3SE5122-0KE01



SIRIUS POSITION SWITCH METAL ENCLOSURE 56MM WIDE DEVICE CONNECTION 3X (M20X1.5) 1NO/ 2NC SLOW-ACTION CONTACTS METAL ROLLER LEVER AND PLASTIC ROLLER 22MM

Manufacturer article number

- of the basic unit included in the scope of supply
- of the actuator head for position switches included in the scope of supply

3SE5122-0KA00

3SE5000-0AE01

General technical data:			
Product designation		standard position switch	
Explosion protection category for dust		none	
Insulation voltage			
• rated value	V	400	
Degree of pollution		class 3	
Thermal current	Α	6	
Operating current			
• at AC-15			
• at 24 V / rated value	Α	6	
• at 125 V / rated value	Α	6	
• at 230 V / rated value	Α	1.5	
• at DC-13			
• at 24 V / rated value	Α	3	
• at 125 V / rated value	А	0.55	
• at 230 V / rated value	А	0.27	
Continuous current			

• of the glob DIAZED fuse link A 10 • of the Qlob DIAZED fuse link A 10 • of the C characteristic circuit breaker B 15,000,000 Mechanical operating cycles as operating time			
• of the C characteristic circuit breaker A 1 Mechanical operating cycles as operating time 15,000,000 Electrical operating cycles as operating time 10,000,000 • wikh contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028 / typical 10,000,000 Electrical operating cycles in one hour 0,000 • wikh contact 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028 6,000 Repeat accuracy mm 0.5 Design of the contact element 2 2 Lord auxiliary contacts 2 2 Position of the switching function 2 2 Number of NC contacts 2 2 • for auxiliary contacts 1 3 Resistance against vibration 3 309/11 ms Resistance against vibration 3 309/11 ms Resistance against vibration 2 2 during operating *C 25 +85 during operating *C 25 +85 during operating experiments *C 40 +90 Width of the enclosure / of the switch head 1 1	of the slow DIAZED fuse link	А	6
Mechanical operating cycles as operating time	of the quick DIAZED fuse link	А	10
1,1ypical 1,2ypical 1,000,000 1,00	of the C characteristic circuit breaker	Α	1
Electrical operating cycles as operating time • with contactor 3RH11, 3RT1018, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical • at AC-15 / at 230 V / typical • lectrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1025 Repeat accuracy mm 0.05 Repeat accuracy mm 0.05 Repeat accuracy mm 0.05 Repeat accuracy positive opening low-action contacts • for auxiliary contacts Resistance against vibration Resistance against vibration Resistance against vibration Resistance against expert with temperature • during operating • during storage • "C • 25 +85 • during storage • "C • 40 +90 Width of the sensor mm 56 Material • of the enclosure / of the switch head Design of the operating mechanism Actuating speed Minimum actuating force / in activation direction Protection class IP mounting position Cable gland version Reference code • according to DIN 40719 extended according to IEC 204-2 • according to DIN 40719 extended according to IEC 204-2 Ferrore in the electrical connection Reference code • according to DIN 40719 extended according to IEC 204-2 Ferrore in the electrical connection of the contact of the contac	Mechanical operating cycles as operating time		
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ART1026 / typical • at AC-15 / at 230 V / typical • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy mm 0.05 Repeat accuracy mmber of NC contacts • for auxiliary auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary auxili	Electrical operating cycles as operating time		
Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy Design of the contact element Number of NC contacts • for auxiliary			10,000,000
* with contactor 3R111, 3R11016, 3R11017, 3R11024, 3R11025, 3R11026 Repeat accuracy Design of the contact element Number of NC contacts • for auxiliary contacts • for au	• at AC-15 / at 230 V / typical		100,000
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Number of NC contacts	Repeat accuracy	mm	0.05
Pesign of the switching function Number of NO contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts Resistance against vibration Resistance against vibration Resistance against shock Ambient temperature • during operating • during storage Width of the sensor Material • of the enclosure / of the switch head Design of the operating mechanism Actuating speed Actuating speed Minimum actuating force / in activation direction Minimum actuating force / in activation direction Protection class IP mounting position Cable gland version Design of the electrical connection Reference code • according to DIN 40719 extended according to IEC 204-2 y	Design of the contact element		slow-action contacts
Design of the switching function positive opening Number of NO contacts	Number of NC contacts		
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* for auxiliary contacts Resistance against vibration Resistance against shock Ambient temperature * during operating * during storage Width of the sensor Material * of the enclosure Material / of the enclosure / of the switch head Design of the operating mechanism Actuating speed Minimum actuating force / in activation direction Protection class IP mounting position Cable gland version Design of the electrical connection Reference code * according to DIN 40719 extended according to IEC 204-2 **Out of the same of the substance of the switch of the construction of the substance of the construction of the	Design of the switching function		positive opening
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Resistance against shock Ambient temperature · during operating · during storage Width of the sensor Material · of the enclosure Material / of the enclosure / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s Minimum actuating force / in activation direction Protection class IP mounting position Cable gland version Reference code · according to DIN 40719 extended according to IEC 204-2 **C	for auxiliary contacts		1
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• during storage • during storage Width of the sensor mm 56 Material • of the enclosure • of the enclosure / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 10 Protection class IP mounting position Cable gland version Design of the electrical connection S x (M20 x 1.5) Design of the electrical connection Reference code • according to DIN 40719 extended according to IEC 204-2 S	Ambient temperature		
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Material of the enclosure Material / of the enclosure / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 10 Protection class IP mounting position Cable gland version Design of the electrical connection Reference code o according to DIN 40719 extended according to IEC 204-2 Metal metal metal metal metal metal petal pe	during storage	°C	-40 +90
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Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 10 Protection class IP IP66/IP67 mounting position any Cable gland version 3 x (M20 x 1.5) Design of the electrical connection screw-type terminals Reference code • according to DIN 40719 extended according to IEC 204-2 S	Material / of the enclosure / of the switch head		metal
Minimum actuating force / in activation direction Protection class IP IP66/IP67 mounting position Cable gland version Design of the electrical connection Reference code • according to DIN 40719 extended according to IEC 204-2 N 10 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals	Design of the operating mechanism		metal lever, plastic roller
Protection class IP IP66/IP67 mounting position any Cable gland version 3 x (M20 x 1.5) Design of the electrical connection screw-type terminals Reference code • according to DIN 40719 extended according to IEC 204-2 S	Actuating speed	mm/s / m/s	0.4 2.5
mounting position Cable gland version 3 x (M20 x 1.5) Design of the electrical connection Reference code • according to DIN 40719 extended according to IEC 204-2 S any 3 x (M20 x 1.5) screw-type terminals	Minimum actuating force / in activation direction	N	10
Cable gland version 3 x (M20 x 1.5) Design of the electrical connection screw-type terminals Reference code • according to DIN 40719 extended according to IEC 204-2 S	Protection class IP		IP66/IP67
Design of the electrical connection screw-type terminals Reference code • according to DIN 40719 extended according to IEC 204-2 S	mounting position		any
Reference code • according to DIN 40719 extended according to IEC 204-2 S	Cable gland version		3 x (M20 x 1.5)
• according to DIN 40719 extended according to IEC 204-2	Design of the electrical connection		screw-type terminals
	Reference code		
according to DIN EN 61346-2 B	 according to DIN 40719 extended according to IEC 204-2 		S
	according to DIN EN 61346-2		В

Certificates/ approvals:

General Product Approval

Declaration of Conformity

Test Certificates

other











Special Test Certificate

Confirmation

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

http://www.siemens.com/industrymall

Cax online generator

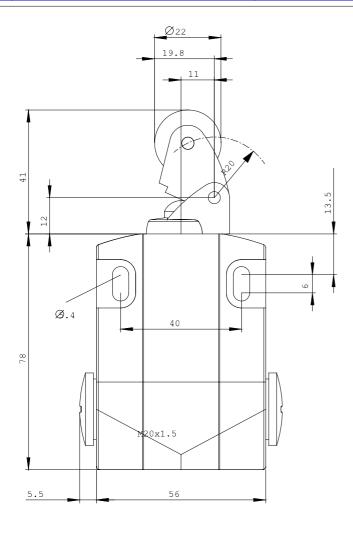
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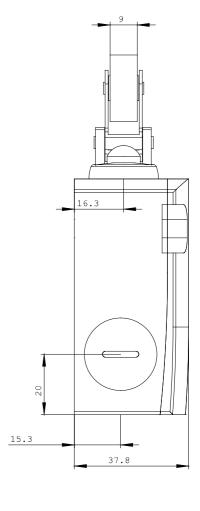
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

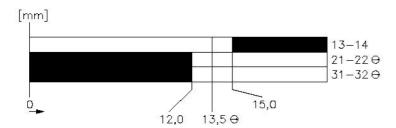
http://support.automation.siemens.com/WW/view/en/3SE5122-0KE01/all

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

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