SIEMENS

Product data sheet 3SE5122-0BE01



SIRIUS POSITION SWITCH METAL ENCLOSURE 56MM WIDE DEVICE CONNECTION 3X (M20X1.5) 1NO/1NC 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

3SE5122-0BA00

3SE5000-0AE01

General technical details:			
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	3	
• 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 glock DIAZED fuse link A 6 • of the Quick DIAZED fuse link A 10 of the C characteristic circuit breaker B 1 Mechanical operating cycles as operating time • typical 15,000,000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1022, 3RT1026, 3RT1026 by poilal 10,000,000 Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 by poilal 6,000 Repeat accuracy mm 0,05 Design of the contact element 6,000 Number of NC contacts 1 • for auxiliary contacts 1			
• of the C characteristic circuit breaker Mechanical operating cycles as operating time • lypical Electrical operating cycles as operating time • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 1/pical • at AC-16 / at 230 V / typical • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026 in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026 in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy Design of the contact element Number of NC contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts Abuiliary contacts Resistance against vibration Resistance against vibration Resistance against vibration Abuiliary contacts • during operating • during operating • during operating • during storage Width of the sensor Material of the housing / 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 tem designation • according to DIN 40719 extendable after IEC 2042 BAS STATURE A STAT	of the slow DIAZED fuse link	Α	6
Mechanical operating cycles as operating time	of the quick DIAZED fuse link	Α	10
Polymeral Poly	of the C characteristic circuit breaker	Α	1
Electrical operating cycles as operating time • with contactor 3RH11, 3RT1016, 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 Number of NC contacts • for auxiliary contacts • for auxil	Mechanical operating cycles as operating time		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 10,000,000 Electrical operating cycles in one hour 6,000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,000 Repeat accuracy mm 0.05 Design of the contact element slow-action contacts • for auxiliary contacts 1 • for auxiliary contacts mm • for auxiliary	• typical		15,000,000
ART1026 / typical • at AC-15 / at 230 V / typical 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 con	Electrical operating cycles as operating time		
Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,0000 Repeat accuracy mm 0.05 Design of the contact element slow-action contacts Number of NC contacts 1 • for auxiliary contacts 2 • during operating °C -25 +85 • during operating °C -25 +85 • during storage °C -40 +90 Material of the enclosure			10,000,000
* with contactor 3R111, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy Design of the contact element Number of NC contacts * for auxiliary contacts * Resistance against vibration Resistance against vibration Resistance against shock Ambient temperature * during operating * during storage * C	• at AC-15 / at 230 V / typical		100,000
ART1026 mm 0.05 Design of the contact element slow-action contacts Number of NC contacts 1 * for auxiliary contacts 1 Design of the switching function positive opening Number of NC contacts 1 * for auxiliary contacts 1 Resistance against vibration 30s mm / 5g Resistance against shock 30g/ 11 ms Ambient temperature °C -25 +85 * during operating °C -40 +90 Width of the sensor mm 56 Material of the enclosure metal Material / of the housing / of the switch head metal metal Design of the operating mechanism metal lever, plastic roller Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 10 Protection class IP Professional position any Gable gland version any Every part of the electrical connection according to DIN 40719 extendable after IEC 204-2 S	Electrical operating cycles in one hour		
Design of the contact element Number of NC contacts • for auxiliary contacts Resistance against vibration Resistance against shock Ambient temperature • during operating • during storage • during storage • during storage • during other enclosure Material • of the enclosure Material / of the housing / 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 Item designation • according to DIN 40719 extendable after IEC 204-2 **Solvance auxiliary contacts 1 1 1 1 1 1 1 1 1 1 1 1 1			6,000
Number of NC contacts	Repeat accuracy	mm	0.05
to for auxiliary contacts Design of the switching function Number of NO contacts for auxiliary contacts 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 housing / of the switch head Design of the operating mechanism 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 Item designation according to DIN 40719 extendable after IEC 204-2	Design of the contact element		slow-action contacts
Design of the switching function Number of NO contacts 1 1 1 1 1 1 1 1 1	Number of NC contacts		
Number of NO contacts	for auxiliary contacts		1
* 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 housing / 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 tem designation * according to DIN 40719 extendable after IEC 204-2 **O	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 housing / of the switch head Design of the operating mechanism Actuating speed Actuating speed Minimum actuating force / in activation direction Protection class IP mounting position Cable gland version Design of the electrical connection Resistance against shock 30g / 11 ms 46 - 25 +85 - 40 +90 metal metal metal metal metal metal metal lever, plastic roller Mol 2.5 N 10 Protection class IP any Cable gland version 3 x (M20 x 1.5) Screw-type terminals Item designation • according to DIN 40719 extendable after IEC 204-2 S	for auxiliary contacts		1
Ambient temperature • during operating • during storage Width of the sensor Material • of the enclosure Material / of the housing / 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 Read lever, plastic roller mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 10 IP66/IP67 mounting position Cable gland version Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 S	Resistance against vibration		0.35 mm / 5g
• during operating • during storage Width of the sensor Material • of the enclosure Material / of the housing / 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 Posign of the electrical connection Design of the electrical connection Protection Class IP screw-type terminals Item designation • according to DIN 40719 extendable after IEC 204-2 **C -25 +85 -40 +90 metal metal metal metal lever, plastic roller metal metal petal lever, plastic roller and 3 x (M20 x 1.5) Screw-type terminals	Resistance against shock		30g / 11 ms
• during storage Width of the sensor mm 56 Material • of the enclosure Material / of the housing / 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 Design of the electrical connection Lem designation • according to DIN 40719 extendable after IEC 204-2 mm 56 metal protecle metal metal metal metal protecle metal metal protecle metal metal protecle metal metal protecle metal metal protecle protecl	Ambient temperature		
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Material • of the enclosuremetalMaterial / of the housing / of the switch headmetalDesign of the operating mechanismmetal lever, plastic rollerActuating speedmm/s / m/s0.4 2.5Minimum actuating force / in activation directionN10Protection class IPIP66/IP67mounting positionanyCable gland version3 x (M20 x 1.5)Design of the electrical connectionscrew-type terminalsItem designation • according to DIN 40719 extendable after IEC 204-2S	during storage	°C	-40 +90
• of the enclosure Material / of the housing / 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 IP66/IP67 mounting position any Cable gland version 3 x (M20 x 1.5) Design of the electrical connection screw-type terminals Item designation • according to DIN 40719 extendable after IEC 204-2 ■ metal petal metal metal metal petal metal	Width of the sensor	mm	56
Material / of the housing / of the switch headmetalDesign of the operating mechanismmetal lever, plastic rollerActuating speedmm/s / m/s0.4 2.5Minimum actuating force / in activation directionN10Protection class IPIP66/IP67mounting positionanyCable gland version3 x (M20 x 1.5)Design of the electrical connectionscrew-type terminalsItem designationscrew-type terminals• according to DIN 40719 extendable after IEC 204-2S	Material		
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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 Item designation • according to DIN 40719 extendable after IEC 204-2 S	Material / of the housing / 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 Item designation • according to DIN 40719 extendable after 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 mounting position Cable gland version Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals 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 screw-type terminals Item designation • according to DIN 40719 extendable after IEC 204-2 S	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 Item designation • according to DIN 40719 extendable after IEC 204-2 S	Protection class IP		IP66/IP67
Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 Screw-type terminals	mounting position		any
Item designation • according to DIN 40719 extendable after IEC 204-2 S	Cable gland version		3 x (M20 x 1.5)
• according to DIN 40719 extendable after IEC 204-2	Design of the electrical connection		screw-type terminals
	Item designation		
according to DIN EN 61346-2 B	according to DIN 40719 extendable after IEC 204-2		S
	according to DIN EN 61346-2		В

Certificates/approvals:

General Product Approval

Functional Safety / Safety of Machinery













Declaration of Conformity

Test Certificates

other



Special Test Certificate Confirmation

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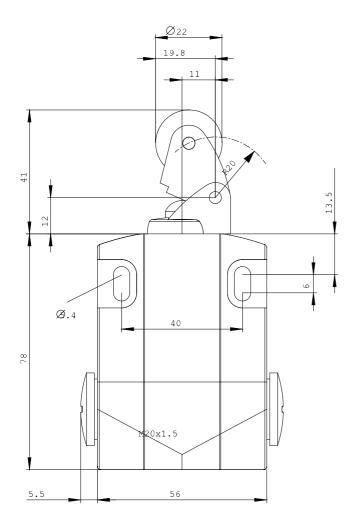
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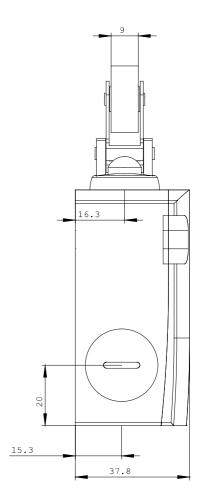
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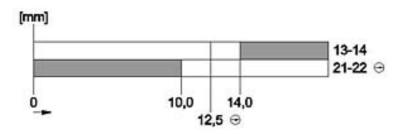
 $\underline{\text{http://support.automation.siemens.com/WW/view/en/3SE5122-0BE01/all}}$

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5122-0BE01







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