SIEMENS

Product data sheet 3SE5122-0BF01



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

3SE5000-0AF01

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	Α	0.55
• at 230 V / rated value	Α	0.27
Continuous current		

• of the gloke DIAZED fuse link • of the quick DIAZED fuse link • of the Quick DIAZED fuse link • of the C characteristic circuit breaker • hypical • hypical • vith contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 y peraiting cycles as operating time • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 y peraiting cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 y peraiting cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 y peraiting cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 y peraiting cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 y peraiting cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 y peraiting cycles in one hour • with contact shorth 11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 y peraiting cycles in one hour • with contact shorth 12, 3RT1026, 3RT1026, 3RT1026, 3RT1026 y peraiting cycles in one hour • with contact shorth 11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026 y positive opening Passign of the switching function Passign of the switching function Passign of the switching function Passign of NC contacts • for auxiliary c			
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Mechanical operating cycles as operating time	of the quick DIAZED fuse link	Α	10
Stypical	of the C characteristic circuit breaker	Α	1
Electrical operating cycles as operating time •with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / 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 contacts	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 mm 0.05 Number of NC contacts 1 1 • for auxiliary contacts 1 1 Resistance against vibration 2 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature *C -25 +85 • during operating *C -25 +85 • during storage *C -40 +90 Width of the enclosure metal Material • for enclosure metal </td <td>• typical</td> <td></td> <td>15,000,000</td>	• typical		15,000,000
ART1026 / typical et at AC-15 / at 230 V / typical Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, SRT1025, 3RT1026, 3RT1	Electrical operating cycles as operating time		
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* with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 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
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• for auxiliary contacts Resistance against vibration Resistance against shock Ambient temperature • during operating • during storage **C	Design of the switching function		positive opening
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 Item designation • according to DIN 40719 extendable after IEC 204-2 **C -25 +85 -26 +85 **C -40 +90 **mm 56 **mm 56 **mm 45 **metal **metal **metal lever, plastic roller **metal lever, plastic roller **metal lever, plastic roller **many 5 / m/s **a 10 **a 2.5 **a 2.5 **a 3 x (M20 x 1.5) **s crew-type terminals **a coording to DIN 40719 extendable after IEC 204-2	Number of NO contacts		
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 during operating during storage C -25 +85 during storage C -40 +90 Width of the sensor mm 56 Material of the enclosure metal metal Material / of the housing / of the switch head 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 mounting position Cable gland version Design of the electrical connection screw-type terminals Let designation according to DIN 40719 extendable after IEC 204-2 S S 	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 N 10 Posign of the electrical connection Design of the electrical connection Lem designation • according to DIN 40719 extendable after IEC 204-2 of the electrical connection mm 56 metal metal metal metal metal metal metal metal netal metal protection metal netal metal protection less in metal metal protection less in metal metal protection less in metal metal metal protection less in metal metal metal protection less in metal metal	Ambient temperature		
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Material • of the enclosure metal Material / of the housing / of the switch head 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 IP66/IP67 mounting position any Cable gland version 3 x (M20 x 1.5) Design of the electrical connection screw-type terminals Item designation eaccording to DIN 40719 extendable after IEC 204-2 S	during storage	°C	-40 +90
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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
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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 S 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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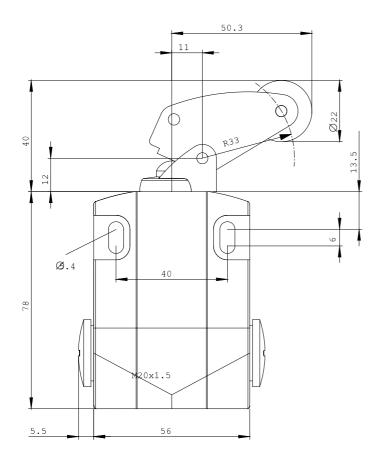
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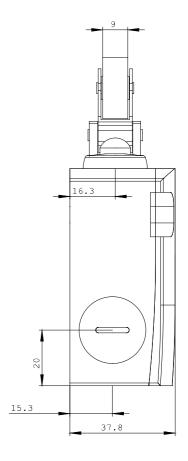
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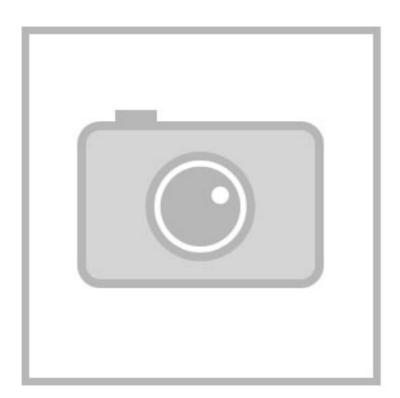
 $\underline{\text{http://support.automation.siemens.com/WW/view/en/3SE5122-0BF01/all}}$

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

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