SIEMENS

Product data sheet 3SE5122-0CF01



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

3SE5122-0CA00

3SE5000-0AF01

General technical details:		
Product designation		standard position switch
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	6
• at 400 V / rated value	Α	4
• 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

A			
• of the slow DIAZED fuse link A 10 • of the Quick DIAZED fuse link A 10 • of the Quick DIAZED fuse link A 1 • of the Quick DIAZED fuse link A 1 • typical In 15,000,000 In 15,000,000 Electrical operating cycles as operating time • 10,000,000 • 10,000,000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1028 • 100,000 • 100,000 Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028 • 100,000 • 6,000 Repeat accuracy rm 0.1 • 6,000 Design of the contact element rm 0.1 • 10 Number of NC contacts • 1 1 • 10 • for auxiliary contact • 1 1 • 1 • for auxiliary contact • 1 1 • 1 • for auxiliary contact • 1 0.35 mm / 5 • 1 • for auxiliary contact • 1 0.35 mm / 5 • 1 • for auxiliary contact • 2 2.5 m. 8 • 6	• at 400 V / rated value	Α	0.1
• of the Quick DIAZED fuse link • of the C characteristic circuit breaker • of the C characteristic circuit breaker • typical • typical • typical • typical • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026 / Spical • at AC-15 / at 23 VV / typical • at AC-15 / at 24 VV / typical • at AC-1	Continuous current		
• of the C characteristic circuit breaker A 1 Mechanical operating cycles as operating time • 'spical 15,000,000 Electrical operating cycles as operating time • 'with contacted RHH1, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 10,000,000 * at AC-15 / at 230 V / typical 100,000 Electrical operating cycles in one hour • 'with contactor 3RHH1, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028 6,000 Repeat accuracy mm 0.1 Design of the contact element • 0 6,000 Number of NC contacts • 1 6 • for auxiliary contact 1 6 • for auxiliary contact 1 6 Resistance against vibration 2 positive opening Resistance against vibration 30g/11 ms 6 Resistance against vibration 4 4 Ambient temperature • 2 25 85 • during the operating phase • C 25 85 • during the operating phase • C 25 85 • during the housing / of the switch head 1 6 Design of the operating mechanism metal	of the slow DIAZED fuse link	Α	6
Mechanical operating cycles as operating time	of the quick DIAZED fuse link	Α	10
Polymeral Polymerating cycles as operating time Polymerating cycles as operating time Polymerating cycles as operating time Polymerating cycles in one hour Polymera	of the C characteristic circuit breaker	Α	1
Electrical operating cycles as operating time	Mechanical operating cycles as operating time		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 10,000,000 • at AC-15 / at 230 V / typical 100,000 Electrical operating cycles in one hour 6,000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1025, 3RT1026 6,000 Repeat accuracy mm 0.1 Design of the contact element anap-action contacts • for auxiliary contact 1 Design of the switching function positive opening Number of NC contacts 1 • for auxiliary contact 1 Resistance against vibration 303 5 mm / 5g Resistance against shock 309 / 11 ms Ambient temperature °C 25 85 • during the operating phase °C 25 85 • during storage °C 40 90 Width of the sensor mm 56 Material metal • of the housing metal • of the housing / of the switch head metal Design of the operating mechanism netal • Actuating speed mm/s / m/s 1 2.5	• typical		15,000,000
SRT1026 / typical • at AC-15 / at 230 V / typical Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy mm 0.1 Design of the contact element Number of NC contacts • for auxillary contact Posign of the switching function Number of NO contacts • for auxillary contact • for auxillary contac	Electrical operating cycles as operating time		
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,000 Repeat accuracy mm 0.1 Design of the contact element mm 0.1 Number of NC contacts 1 of auxiliary contact 1 positive opening Number of NC contacts 1 positive opening Number of NC contacts 1 1 of auxiliary contact 1 1 Resistance against vibration 0.35 mm / 5g 30g / 11 ms Resistance against shock 30g / 11 ms 1 Ambient temperature °C 25 85 4 during the operating phase °C 25 85 4 during storage °C 40 90 4 Width of the sensor mm 56 Material of the housing / of the switch head metal Design of the operating mechanism metal Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction metal lever, plastic roller B			10,000,000
* with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy mm 0.1 Design of the contact element Number of NC contacts * for auxiliary contact Design of the switching function Number of NO contacts * for auxiliary contact Resistance against vibration Resistance against vibration Resistance against shock Ambient temperature • during the operating phase • during storage * C 25 85 • during storage * C 40 90 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 Built in orientation Design of the cable entry (gland) Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 ** Minimum actuating to DIN 40719 extendable after IEC 204-2 ** Minimum actuating to DIN 40719 extendable after IEC 204-2 ** Minimum actuating to DIN 40719 extendable after IEC 204-2 ** Minimum actuating to DIN 40719 extendable after IEC 204-2 ** Sarction contacts ** In Calculation ** Design of the cable entry (gland) ** Sarction contacts ** According to DIN 40719 extendable after IEC 204-2 ** Sarction contacts ** Design of the cable entry (gland) ** Sarction contacts ** According to DIN 40719 extendable after IEC 204-2 ** Sarction contacts ** According to DIN 40719 extendable after IEC 204-2 ** Sarction contacts ** According to DIN 40719 extendable after IEC 204-2	• at AC-15 / at 230 V / typical		100,000
ART1026 mm 0.1 Design of the contact element snap-action contacts * for auxiliary contact 1 Design of the switching function positive opening Number of NC contacts 1 * for auxiliary contact 1 Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature * C -25 85 * during the operating phase * C -25 85 * during storage * C -40 90 Width of the sensor mm 56 Material metal metal * of the housing of the housing of the operating mechanism metal Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 9 Protection class IP IP66/IP67 Built in orientation any Design of the cable entry (gland) according to DIN 40719 extendable after IEC 204-2 S	Electrical operating cycles in one hour		
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Number of NC contacts	Repeat accuracy	mm	0.1
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Design of the switching function positive opening Number of NO contacts	Number of NC contacts		
Number of NO contacts	for auxiliary contact		1
• for auxiliary contact Resistance against vibration Resistance against shock Ambient temperature • during the operating phase • during storage **C -25 85 • during storage **C -40 90 Width of the sensor **mm** **metal **of the housing / of the switch head **Design of the operating mechanism Actuating speed **mm/s / m/s **minum actuating force / in activation direction **Protection class IP **Built in orientation **Design of the electrical connection **Design of the electrical connection **protection class IP **Built in orientation **protection class IP IP66/IP67 **Built in orientation IP66/IP67 **Built in orientation IP66/IP67 **protection class IP IP66/IP67 **p	Design of the switching function		positive opening
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Ambient temperature • during the operating phase • during storage *C -25 85 • during storage *C -40 90 Width of the sensor mm 56 Material • of the housing • of the housing / of the switch head Material / of the housing / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 9 Protection class IP Built in orientation Design of the cable entry (gland) Design of the electrical connection Let m designation • according to DIN 40719 extendable after IEC 204-2 **C -25 85 **C -40 90 **End of the lever, plastic roller **metal lever, plastic roller **me	Resistance against vibration		0.35 mm / 5g
 during the operating phase during storage C -25 85 during storage C -40 90 Width of the sensor mm 56 Material of the housing metal metal Material / of the housing / of the switch head metal lever, plastic roller Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 9 Protection class IP IP66/IP67 Built in orientation any Design of the cable entry (gland) 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	Resistance against shock		30g / 11 ms
• during storage °C -40 90 Width of the sensor mm 56 Material metal • of the housing 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 0.1 2.5 Minimum actuating force / in activation direction N 9 Protection class IP IP66/IP67 Built in orientation any Design of the cable entry (gland) 3 x (M20 x 1.5) Design of the electrical connection screw-type terminals Item designation screw-type terminals • according to DIN 40719 extendable after IEC 204-2 S	Ambient temperature		
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Material of the housing 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 0.1 2.5 Minimum actuating force / in activation direction N 9 Protection class IP IP66/IP67 Built in orientation any Design of the cable entry (gland) 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	during storage	°C	-40 90
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Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 9 Protection class IP IP66/IP67 Built in orientation any Design of the cable entry (gland) 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 Built in orientation Design of the cable entry (gland) Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 N 9 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals	Design of the operating mechanism		metal lever, plastic roller
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Design of the cable entry (gland) 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 screw-type terminals Item designation • according to DIN 40719 extendable after IEC 204-2 S	Built in orientation		any
Item designation • according to DIN 40719 extendable after IEC 204-2 S	Design of the cable entry (gland)		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

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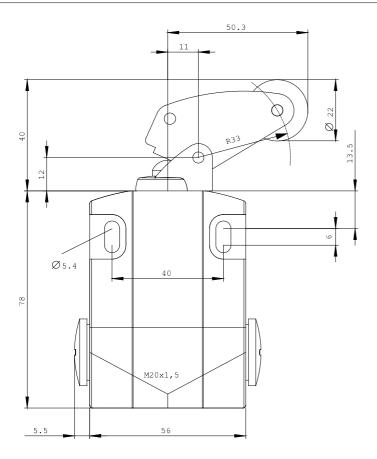
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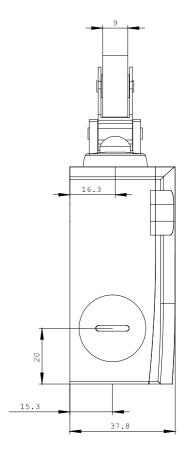
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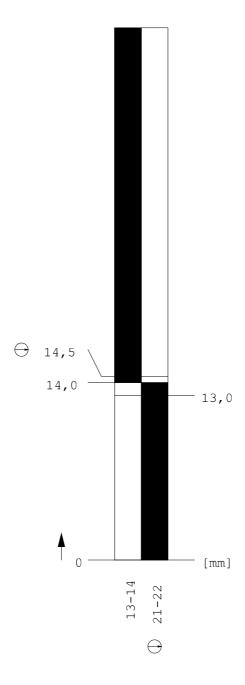
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

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