SIEMENS

Product data sheet 3SE5122-0BH50



SIRIUS POSITION SWITCH METAL ENCLOSURE 56MM WIDE DEVICE CONNECTION 3X (M20X1.5) 1NO/ 1NC SLOW-ACTION CONTACTS ROTARY ACTUATOR RIGHT/LEFT ADJUSTABLE,
W. LENGTH ADJUSTABLE METAL LEVER 100MM LONG AND PLASTIC ROLLER 19MM

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
- of the operating lever included in the scope of supply

3SE5122-0BA00

3SE5000-0AH00

3SE5000-0AA50

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	A	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 A 6 • of the solw DIAZED fuse link A 10 • of the C characteristic circuit breaker A 1 • bypical 15,000,000 Electrical operating cycles as operating time 10,000,000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1025, 3RT1026, 3RT1026, 3RT1026, 3RT1017, 3RT1024, 3RT1025, 3RT1025, 3RT1026, 3RT1026, 3RT1026, 3RT1024, 3RT1025, 3RT1026, 3RT1026, 3RT1026, 3RT1024, 3RT1025, 3RT1026, 3RT102			
. of the quick DIAZED luse link . of the C characteristic circuit breaker . Vipical .	Continuous current		
• of the C characteristic circuit breaker Mechanical operating cycles as operating time • typicial Electrical operating cycles as operating time • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical • at AC-15 / at 230 V / bypical • at AC-15 / at 230 V / bypical • at AC-15 / at 230 V / bypical Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy mm 0.05 Resign of the contact element Number of NC contacts • for auxiliary contacts • for auxiliary contacts Number of NC contacts • for auxiliary contacts Resistance against vibration Resistance against vibration Resistance against vibration Authorial for the sensor Material • of the enclosure Material Actualing spead Material of the housing / of the switch head Design of the operating mechanism Actualing spead Protection class IP mounting position Cable gland version Design of the electrical connection Resignation • according to DIN 40719 extendable after IEC 204-2 Resignation • according to DIN 40719 extendable after IEC 204-2 Resignation • with contacts brown as operating time 10,000,000 10,000,000 10,000,000 10,000,00	of the slow DIAZED fuse link	Α	6
Mechanical operating cycles as operating time	of the quick DIAZED fuse link	Α	10
15,000,000	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 * 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 Resistance against vibration Resistance against vibration 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 protection class IP mounting position Resign of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 ### Cappa	Mechanical operating cycles as operating time		
• 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, 3RT1026, 3RT1026, 3RT1026, 3RT1026, 3RT1027, 3RT1024, 3RT1025, 3RT1026 6,000 Repeat accuracy mm 0.05 Design of the contact element slow-action contacts • for auxiliary contacts 1	• typical		15,000,000
*at AC-15 / at 230 V/typical *at AC-15 / at 230 V/typical Electrical operating cycles in one hour *with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1025, 3RT1026 Repeat accuracy mm 0.05 Repeat accuracy mm 0.05 Repeat accuracy mm 0.05 Number of NC contacts *for auxiliary co	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 0.05 Design of the contact element slow-action contacts Number of NC contacts 1 • for auxiliary contacts 1 Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature °C -25 +85 • during operating oberating storage °C -25 +85 Width of the sensor mm 56 Material • of the enclosure metal Material / of the housing / of the switch head metal Design of the operating mechanism Metal lever adjustable length, plastic roller 19 mm Actuating speed mm/s / m/s 0.4 1.5 Protection class IP IP66/IP67 mounting position 3 x (M20 x 1.5) Cable gland version 3 x (M20 x 1.5) Design of the electrical connection screw-type terminals Item designation screw-type terminals			10,000,000
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 • for auxiliary contacts • for auxiliary contacts Resistance against vibration Resistance against shock Ambient temperature • during operating • c	• at AC-15 / at 230 V / typical		100,000
Repeat accuracy mm 0.05 Design of the contact element Number of NC 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 Protection class IP mounting position Cable gland version Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 mediasiow-action contacts 1 1 1 1 1 1 1 1 1 1 1 1 1	Electrical operating cycles in one hour		
Design of the contact element slow-action contacts Number of NC contacts			6,000
Number of NC contacts • for auxiliary contacts 1 Resistance against vibration Resistance against shock Ambient temperature • during operating • during storage • °C • -25 +85 • 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 mm/s / m/s Actuating speed mm/s / m/s 0.4 1.5 Protection class IP mounting position Cable gland version Design of the electrical connection tem designation • according to DIN 40719 extendable after IEC 204-2 S 1 1 1 1 1 1 1 1 1 1 1 1	Repeat accuracy	mm	0.05
* for auxiliary contacts Resistance against vibration Resistance against shock Ambient temperature * during operating	Design of the contact element		slow-action contacts
Number of NO 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 Protection class IP mounting position Cable gland version Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 ### Capture	Number of NC contacts		
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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 mm/s / m/s Actuating speed mm/s / m/s Cable gland version Design of the electrical connection Resistance against vibration to 30g / 11 ms 30g / 11 ms 30g / 11 ms 30g / 11 ms 40	Number of NO contacts		
Resistance against shock Ambient temperature • during operating • during storage *C -25 +85 • during storage *C -40 +90 Width of the sensor mm 56 Material • of the enclosure metal Material / of the housing / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s Protection class IP mounting position Cable gland version Design of the electrical connection tem designation • according to DIN 40719 extendable after IEC 204-2 **Section Class IP **Section Class IP **Section	for auxiliary contacts		1
Ambient temperature • during operating • during storage *C -25 +85 • during storage *C -40 +90 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 mm/s / m/s Protection class IP mounting position Cable gland version Design of the electrical connection tem designation • according to DIN 40719 extendable after IEC 204-2 *C -25 +85 *A0 +90 *Metal lever adjustable length, plastic roller 19 mm metal Metal lever adjustable length, plastic roller 19 mm in place i	Resistance against vibration		0.35 mm / 5g
 during operating during storage C -25 +85 during storage C -40 +90 Width of the sensor mm 56 Material of the enclosure metal Material / of the housing / of the switch head metal Design of the operating mechanism Metal lever adjustable length, plastic roller 19 mm Actuating speed mm/s / m/s 0.4 1.5 Protection class IP IP66/IP67 mounting position 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	Resistance against shock		30g / 11 ms
• during storage • mm 56 Material • of the enclosure • metal Material / of the housing / of the switch head Design of the operating mechanism Actuating speed • mm/s / m/s • netal Metal lever adjustable length, plastic roller 19 mm mm/s / m/s 0.4 1.5 Protection class IP ### IP66/IP67 ### mounting position Cable gland version • according to DIN 40719 extendable after IEC 204-2 \$ S	Ambient temperature		
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Material / of the housing / of the switch headmetalDesign of the operating mechanismMetal lever adjustable length, plastic roller 19 mmActuating speedmm/s / m/s0.4 1.5Protection 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		
Design of the operating mechanism Actuating speed Protection class IP mounting position Cable gland version Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 Metal lever adjustable length, plastic roller 19 mm mm/s / m/s 0.4 1.5 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals	• of the enclosure		metal
Actuating speed mm/s / m/s 0.4 1.5 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
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	Design of the operating mechanism		Metal lever adjustable length, plastic roller 19 mm
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	Actuating speed	mm/s / m/s	0.4 1.5
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 screw-type terminals Item designation • according to DIN 40719 extendable after IEC 204-2 S	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	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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Industry Mall (Online ordering system)

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

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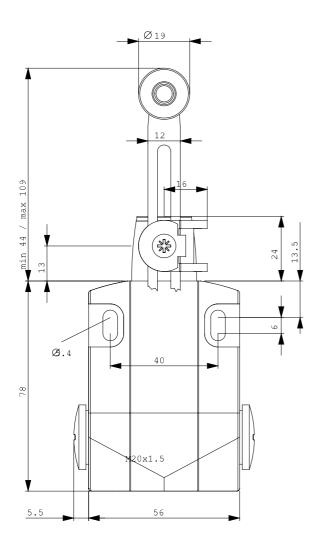
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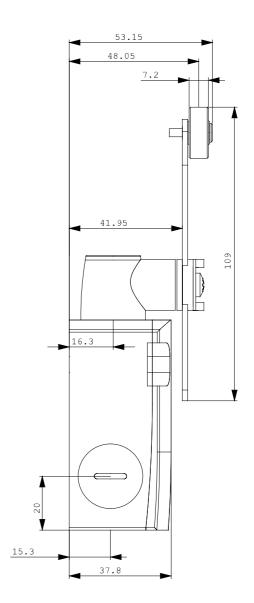
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SE5122-0BH50/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5122-0BH50







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