SIEMENS

Product data sheet 3SE5122-0CA00



BASIC SWITCH FOR POSITION SWITCH 3SE51, METAL ENCLOSURE 56MM, DEVICE CONNECTION 3X(M20X1.5), 1NO/1NC SNAP-ACTION CONTACTS W/O ACTUATOR HEAD

Manufacturer article number

• of the basic unit included in the scope of supply

3SE5122-0CA00

General technical details:		
product designation		basic switch for standard position schwitches
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
Continuous current		
of the slow DIAZED fuse link	А	6

• of the quick DIAZED fuse link • of the C characteristic circuit breaker Mechanical operating cycles as operating time • typical • you with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical • at AC-15 / at 230 V / typical • at AC-15 / at 250 V / typical • at AC-			
Mechanical operating cycles as operating time	of the quick DIAZED fuse link	Α	10
Electrical operating cycles as operating time **with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical **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, 3RT1026 / mm 0.05 Begin of the contact element Number of NC contacts *for auxiliary contacts *for auxiliary contacts **hor auxiliary con	of the C characteristic circuit breaker	Α	1
Electrical operating cycles as operating time with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical et at AC-15 / at 230 V / typical Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 3RT1026 Repeat accuracy mm 0.05 Repeat accuracy mm 0.05 Repeat accuracy in mm 0.05 Repeat accuracy 1 Repeat accuracy in mm 0.05 Repeat accuracy 1 Repeat accuracy 1 Resign of the contact element Number of NC contacts for auxiliary contacts Resistance against vibration Resistance against shock Ambient temperature during operating during storage *C** 40+99 Width of the sensor material of the housing Actuating speed minumu actuating force / in activation direction minumu actuating force / in activation direction Protection class IP Built in orientation Cable gland version Design of the electrical connection Item designation *according to DIN 40719 extendable after IEC 204-2 **C** *According to DIN 40719 extendable after IEC 204-2 **C** *According to DIN 40719 extendable after IEC 204-2 **C** *According to DIN 40719 extendable after IEC 204-2	Mechanical operating cycles as operating time		
• with contactor SRH11, SRT1016, SRT1017, SRT1024, SRT1025, SRT1026 / typical • at AC-15 / at 230 V / typical Electrical operating cycles in one hour • with contactor 3RH11, SRT1016, SRT1017, SRT1024, SRT1025, SRT1026 Repeat accuracy mm 0.05 Repeat accuracy mm 0.05 Repeat accuracy pesign of the contact element Number of NC contacts • for auxilliary contacts for auxilliary contacts - f	• typical		15,000,000
ART1026 / typical • at AC-16 / fat 230 V / typical Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1021, 3RT1024, 3RT1025, 3RT1025, 3RT1026 Repeat accuracy mm 0.05 Design of the contact element Number of NC contacts • for auxiliary contacts	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 c			10,000,000
*with contactor 3RH11, 9RT1016, 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
Repeat accuracy mm 0.05 Design of the contact element solution of the switching function solution solution solution of the switching function solution solution solution of the switching function solution solution solution solution of the switching function solution sol	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 operating • of the sensor material • of the housing Actuating speed Minimum actuating force / in activation direction N 20 Protection class IP Built in orientation Cable gland version Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 **Snap-action contacts 1 Actuating speed Snap-action contacts 1 Positive opening with appropriate positive opening actuator head 1 0.35 mm /5g **C 25 +85 • 40 +90 **O 40 +90 **O 40 +90 **O 1 2.5 **In the designation **Actuating speed Snap Snap Snap Snap Snap Snap Snap Snap			6,000
Number of NC contacts	Repeat accuracy	mm	0.05
• for auxiliary contacts 1 Design of the switching function Positive opening with appropriate positive opening actuator head Number of NO contacts • for auxiliary contacts 1 Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature • during operating • °C -25 +85 • during storage °C -40 +90 Width of the sensor mm 56 material • of the housing metal Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 20 Protection class IP Built in orientation any Cable gland version screw-type terminals term designation according to DIN 40719 extendable after IEC 204-2 S **C	Design of the contact element		snap-action contacts
Positive opening with appropriate positive opening actuator head Positive opening with appropriate positive opening actuator head Positive opening actuator hea	Number of NC contacts		
Number of NO contacts	for auxiliary contacts		1
• for auxiliary contacts 1 Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature • during operating °C -25 +85 • during storage °C -40 +90 Width of the sensor mm 56 material metal • of the housing metal Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 20 Protection class IP IP66/IP67 Built in orientation any Cable gland version 3 x (M20 x 1.5) Design of the electrical connection screw-type terminals Item designation screw-type terminals	Design of the switching function		
Resistance against vibration Resistance against shock Ambient temperature	Number of NO contacts		
Resistance against shock Ambient temperature • during operating • during storage Width of the sensor material • of the housing Actuating speed mm/s / m/s Minimum actuating force / in activation direction Protection class IP Built in orientation Cable gland version Design of the electrical connection I according to DIN 40719 extendable after IEC 204-2 ### Actuation of Cable 1 and Support ### According to DIN 40719 extendable after IEC 204-2 ### According to DIN 40719 extendable after IEC 204-2	• for auxiliary contacts		1
Ambient temperature • during operating • during storage **C*** -25 +85 • during storage **C*** -40 +90 Width of the sensor material • of the housing **Actuating speed Actuating speed **Minimum actuating force / in activation direction **Protection class IP** Built in orientation Cable gland version Design of the electrical connection **Leading speed** **Actuating speed** **In P66/IP67* **In P66/IP67* **In P66/IP67* **In P66/IP67* **In P66/IP67* **In Screw-type terminals **Item designation •* according to DIN 40719 extendable after IEC 204-2 **Secrew-type terminals **Leading speed** **Secrew-type terminals **Leading speed** **Secrew-type terminals **Leading speed** **Secrew-type terminals **Leading speed** **Leading speed** **According to DIN 40719 extendable after IEC 204-2 **Secrew-type terminals **Leading speed** **Secrew-type terminals **Leading speed** **Secrew-type terminals **Leading speed** **Secrew-type terminals **Leading speed** **Leading speed** **Secrew-type terminals **Leading speed** **Leading speed** **According to DIN 40719 extendable after IEC 204-2 **Secrew-type terminals **Leading speed** **Add speed** **Leading spee	Resistance against vibration		0.35 mm / 5g
 during operating during storage °C -40 +90 Width of the sensor mm 56 material of the housing metal Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 20 Protection class IP IP66/IP67 Built in orientation any Cable gland version Ja 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 • during storage material • of the housing Actuating speed Minimum actuating force / in activation direction Protection class IP Built in orientation Cable gland version Design of the electrical connection • according to DIN 40719 extendable after IEC 204-2 • during storage mm/s / m/s metal metal metal Material metal Material metal Material Materi	Ambient temperature		
Width of the sensor material of the housing metal Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 20 Protection class IP IP66/IP67 Built in orientation any Cable gland version 3 x (M20 x 1.5) Design of the electrical connection screw-type terminals Item designation o according to DIN 40719 extendable after IEC 204-2 mm/s / m/s 0 neetal neetal metal Pe66/IP67 N 20 S S	during operating	°C	-25 +85
material of the housing Actuating speed Minimum actuating force / in activation direction Protection class IP Built in orientation Cable gland version Design of the electrical connection Item designation according to DIN 40719 extendable after IEC 204-2 Image: metal mm/s / m/s N 20 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals Item designation according to DIN 40719 extendable after IEC 204-2 S	during storage	°C	-40 +90
• of the housingmetalActuating speedmm/s / m/s0.1 2.5Minimum actuating force / in activation directionN20Protection class IPIP66/IP67Built in orientationanyCable gland version3 x (M20 x 1.5)Design of the electrical connectionscrew-type terminalsItem designation • according to DIN 40719 extendable after IEC 204-2S	Width of the sensor	mm	56
Actuating speed mm/s / m/s 0.1 2.5 Minimum actuating force / in activation direction N 20 Protection class IP IP66/IP67 Built in orientation 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		
Minimum actuating force / in activation direction Protection class IP Built in orientation Cable gland version Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 N 20 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals	• of the housing		metal
Protection class IP Built in orientation Cable gland version Design of the electrical connection tem 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	0.1 2.5
Built in orientation 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	Minimum actuating force / in activation direction	N	20
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	Built in orientation		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

For use in hazardous locations

Functional Safety / Safety of Machinery













Declaration of
Conformity

Test Certificates

other



Special Test Certificate Confirmation

Vibration Test Certificates

Further information:

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

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

Industry Mall (Online ordering system)

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

CAx-Online-Generator

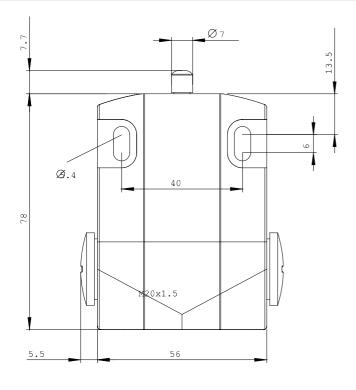
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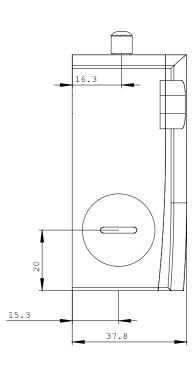
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SE5122-0CA00/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5122-0CA00





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