SIEMENS

Product data sheet 3SE5122-0MA00



BASIC SWITCH FOR POSITION SWITCH 3SE5112, METAL ENCLOSURE, 56MM 3X(M20X1.5) 1NO/2NC SLOW-ACTION CONTACTS WITH OVERLAP W/O ACTUATOR HEAD

• of the basic unit included in the scope of supply

3SE5122-0MA00

General technical data:		
Product designation		basic switch for standard position schwitches
Explosion protection category for dust		none
Insulation voltage		
rated value	٧	250
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	1.5
• 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 C Anactacitatic dicular breaker** *** of the C Anactacitatic anactacity and the service of the sensor of the enclosure of the en	of the quick DIAZED fuse link	А	6
Mechanical operating cycles as operating time			
Sypical Sypi			
Electrical operating cycles as operating time			15,000,000
• 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 2 • for auxiliary contacts 1 Positive opening with appropriate positive opening actuator head Number of NC contacts 1 1 1 • for auxiliary contacts 1 1 1 1 • for auxiliary contacts 2 1			13,000,000
SRT1026 / typical • at AC-15 / at 230 V / typical Electrical operating cycles in one hour • with contactor SRH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy Design of the contact element Number of NC contacts • for auxiliary contacts Resistance against shock Ambient temperature • during operating • during storage • during storage • for auxiliary contacts For auxiliary contacts • for auxiliary hapropriate positive opening actuator head • for auxiliary hapropriate positive opening actuator head • for auxiliary hapropriate positive opening actuator head • for auxiliary hapropri			10,000,000
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 with contact or ontacts Number of NC contacts 2 • for auxiliary contacts 2 • for auxiliary contacts 1 • for auxiliary contacts 2 • for auxiliary contacts 1 • for auxiliary contacts 1 30g / 11 ms Ambient function ***C 25 +85 4 • during operating ***C 25 +85 4 • during storage ***C 40 +90 40 +90 Width of the enclosure metal 40 +90 Design			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 aux	• at AC-15 / at 230 V / typical		100,000
Repeat accuracy mm 0.05 Design of the contact element slow-action contacts Number of NC contacts	Electrical operating cycles in one hour		
Design of the contact element Number of NC contacts • for auxiliary			6,000
Number of NC contacts	Repeat accuracy	mm	0.05
• for auxiliary contacts 2 Design of the switching function Positive opening with appropriate positive opening actuator head Number of NO contacts • for auxiliary contacts 1 1 Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature	Design of the contact element		slow-action contacts
Design of the switching function Positive opening with appropriate positive opening actuator head Number of NO contacts	Number of NC contacts		
Number of NO contacts • for auxiliary contacts • for auxiliary contacts Resistance against vibration Resistance against shock Ambient temperature • during operating • during storage **C** -25 +85 • during storage **C** -40 +90 Width of the sensor **Material • of the enclosure Design of the operating mechanism Actuating speed **mm/s / m/s **Minimum actuating force / in activation direction **Protection class IP mounting position Cable gland version Design of the electrical connection Reference code • according to DIN 40719 extended according to IEC 204-2 **S** **In Actuation should be actually head of the sensor and t	for auxiliary contacts		2
• for auxiliary contacts Resistance against vibration Resistance against shock Ambient temperature • during operating • during storage Width of the sensor Material • of the enclosure 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 Reference code • according to DIN 40719 extended according to IEC 204-2 100 309 / 11 ms 309 / 11 ms 309 / 11 ms 40 -25 +85 40 +90 Without ### Metal ### Metal ### Metal ### Out2.5 ### IP66/IP67 ### Auxiliary speed ### Metal ###	Design of the switching function		
Resistance against vibration 0.35 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 metal • of the enclosure metal Design of the operating mechanism without Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 20 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 Reference code screw-type terminals	Number of NO contacts		
Resistance against shock Ambient temperature	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 Design of the operating mechanism Actuating speed mm/s / m/s Minimum actuating force / in activation direction N 20 Protection class IP mounting position Cable gland version Design of the electrical connection Reference code • according to DIN 40719 extended according to IEC 204-2 *C -25 +85 *Actually 50 *Minimum 56 *Minimum 56 *Minimum 25 *Minimum 36	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 Design of the operating mechanism without Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 20 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 Reference code according to DIN 40719 extended according to IEC 204-2 S	Resistance against shock		30g / 11 ms
• during storage • during storage • during storage • during storage • mm 56 Material • of the enclosure • metal • of the operating mechanism Actuating speed • mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 20 Protection class IP Frotection class IP mounting position Cable gland version Cable gland version Design of the electrical connection Reference code • according to DIN 40719 extended according to IEC 204-2 S - 40 +90 - 40 +	Ambient temperature		
Width of the sensor Material of the enclosure Minimum actuating force / in activation direction Mounting position Cable gland version Reference code oaccording to DIN 40719 extended according to IEC 204-2 Minimum 56 mmm 56 metal without without Actualing speed metal without Actualing speed metal petal metal petal actualing force / in activation metal petal actualing speed metal petal actualing speed metal petal metal petal actualing speed petal actualing speed metal petal actualing speed pet	during operating	°C	-25 +85
Material of the enclosure Design of the operating mechanism Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 20 Protection class IP IP66/IP67 mounting position Cable gland version Design of the electrical connection Reference code o according to DIN 40719 extended according to IEC 204-2 Methanian metal metal metal metal metal metal vithout 3 v (M20 x 1.5) Sorew-type terminals	during storage	°C	-40 +90
of the enclosure Design of the operating mechanism Actuating speed	Width of the sensor	mm	56
Design of the operating mechanism Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 20 Protection class IP mounting position Cable gland version Design of the electrical connection Reference code • according to DIN 40719 extended according to IEC 204-2 without mm/s / m/s 0.4 2.5 N 20 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals	Material		
Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 20 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 Reference code • according to DIN 40719 extended according to IEC 204-2 S	• of the enclosure		metal
Minimum actuating force / in activation direction Protection class IP IP66/IP67 mounting position Cable gland version Design of the electrical connection Reference code • according to DIN 40719 extended according to IEC 204-2 N 20 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals	Design of the operating mechanism		without
Protection class IP mounting position Cable gland version Design of the electrical connection Reference code • according to DIN 40719 extended according to IEC 204-2 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals	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 Reference code • according to DIN 40719 extended according to IEC 204-2 S any 3 x (M20 x 1.5) screw-type terminals	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 Reference code • according to DIN 40719 extended according to IEC 204-2 S	Protection class IP		IP66/IP67
Design of the electrical connection screw-type terminals Reference code • according to DIN 40719 extended according to IEC 204-2 S	mounting position		any
Reference code • according to DIN 40719 extended according to IEC 204-2 S	Cable gland version		3 x (M20 x 1.5)
• according to DIN 40719 extended according to IEC 204-2	Design of the electrical connection		screw-type terminals
	Reference code		
• according to DIN EN 61346-2 B	 according to DIN 40719 extended according to IEC 204-2 		S
	according to DIN EN 61346-2		В

Certificates/ approvals:

General Product Approval

Declaration of Conformity

Test Certificates

other











Special Test Certificate

Confirmation

Further information:

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

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

Industry Mall (Online ordering system)

http://www.siemens.com/industrymall

Cax online generator

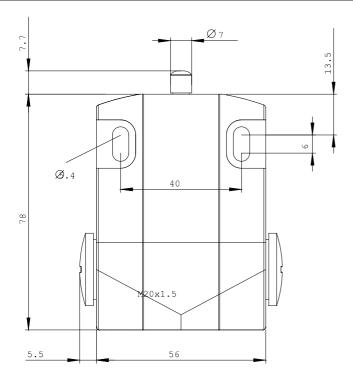
http://www.siemens.com/cax

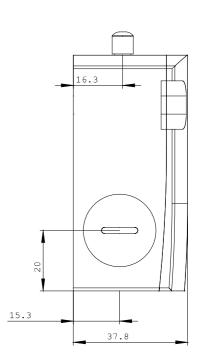
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SE5122-0MA00/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5122-0MA00





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