SIEMENS

Product data sheet 3SE5162-0BA00



BASIC SWITCH FOR POSITION SWITCH 3SE5162, METAL ENCLOSURE XL,56MM WIDE DEVICE CONNECTION 3X(M20X1:5), IP66/IP67 2X (1NO/1NC) SLOW-ACTION CONTAC WITHOUT ACTUATOR HEAD

Manufacturer article number

• of the basic unit included in the scope of supply

3SE5162-0BA00

General technical data:		
Product designation		basic switch for standard position schwitches
Explosion protection category for dust		none
Insulation voltage		
rated value	V	400
Degree of pollution		class 3
Thermal current	Α	10
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 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 glow DIAZED fixe link A 6 • of the quick DIAZED fixe link A 1 Mechanical operating cycles as operating time 5,000,000 • typical 5,000,000 Electrical operating cycles as operating time 5,000,000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / hypical 100,000 • twith contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,000 • with contact of 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,000 • separate accuracy mm 0.05 Design of the contact element year of the contact selement 2 • for auxiliary contacts 2 positive opening with appropriate positive opening actuator head • for auxiliary contacts 2 Positive opening with appropriate positive opening actuator head • for auxiliary contacts 2 Positive opening with appropriate positive opening actuator head • for auxiliary contacts 4 2 2 • for auxiliary contacts 2 2 2 • for auxiliary contacts 2 2 4 • for auxiliary contacts 4			
** of the C characteristic circuit breaker Mechanical operating cycles as operating time ** typical 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 / typical ** at AC-15 / at 230 V / typical Electrical operating cycles in one hour ** with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / special cycles in one hour ** with contact shall 1, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / special cycles in one hour ** with contact shall 1, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / special cycles in one hour ** with contact shall 1, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / special cycles in one hour ** special accuracy ** Design of the contact shall 1, 3RT1016, 3RT1017, 3RT1024, 3RT1025 / special cycles in one hour ** of or auxiliary contacts ** For auxiliary contacts ** Positive opening with appropriate positive opening actuator head ** attuator head ** Auxiliary contacts ** Positive opening with appropriate positive opening actuator head ** attuator head ** attuator head ** Auxiliary contacts ** Positive opening with appropriate positive opening actuator head ** attuator head ** attu	of the slow DIAZED fuse link	Α	6
Mechanical operating cycles as operating time	of the quick DIAZED fuse link	Α	10
Specifical operating cycles as operating time Specifical operating cycles as operating time Specifical operating cycles as operating time Specifical operating cycles in one hour Specifical operation Specifical operating cycles in one hour Specifical operating cycles i	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 100,000 Electrical operating cycles in one hour * with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 * with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy mm 0.05 Begin of the contacte lement Number of NC contacts * for auxiliary contacts • for auxiliary contacts Resistance against vibration • during operating • during storage • C • 40 +90 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 Reference code • according to DIN 40719 extended according to IEC 204-2 **Extended to the server-lements according to IEC 204-2 **Extended to the server-lement according to IEC 204-2 **Exten	• typical		5,000,000
ART1026 / typical • at AC-15 / at 230 V/ typical Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026, 3RT1017, 3RT1024, 3RT1024, 3RT1026, 3RT1026, 3RT1017, 3RT1024, 3RT1024, 3RT1026, 3RT1	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 mm 0.05 Number of NC contacts 2 2 • for auxiliary contacts 2 Positive opening with appropriate positive opening actuator head Number of NO contacts 2 Positive opening with appropriate positive opening actuator head Number of NO contacts 2 Positive opening with appropriate positive opening actuator head Number of NO contacts 2 Positive opening with appropriate positive opening actuator head Number of NO contacts 2 Positive opening with appropriate positive opening actuator head Number of NO contacts 2 Positive opening with appropriate positive opening actuator head Number of NO contacts 2 2 Resistance against vibration 30 / 11 ms Ambient temperature 4 2 25 +85 • during operating *C 25 +85 4 • of the enclosure metal 4 Design of the operating mechanism Minor			5,000,000
* with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy Design of the contact element Number of NC contacts * for auxiliary contacts * auxiliary contacts * auxiliary contacts * auxiliary contacts * 2 Resistance against vibration * auxiliary contacts * auxiliary contacts * contacts * auxiliary contact	• at AC-15 / at 230 V / typical		100,000
Repeat accuracy mm 0.05 Design of the contact element	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 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 Actuating speed mm/s / m/s Minimum actuating force / in activation direction N 30 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 siow-action contacts 2 Positive opening with appropriate positive opening actuator head 2 Positive opening with appropriate positive opening actuator head 2 Positive opening with appropriate positive opening actuator head 2 Positive opening with appropriate positive opening actuator head 2 Positive opening with appropriate positive opening actuator head 2 Positive opening with appropriate positive opening actuator head 2 2 Cable span / 5g 30g / 11 ms *** *** *** ** ** ** ** ** *			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 2 Resistance against vibration 30g / 11 ms 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 without • 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 30 Protection class IP IP66/IP67 mounting position any 3x (M20 x 1.5) Cable gland version 3x (M20 x 1.5) screw-type terminals Reference code encoording to DIN 40719 extended according to IEC 204-2 S	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 N 30 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 **Signature of the contacts of the contact of the conta	for auxiliary contacts		2
• 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 mm** 56 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 **C** -25 +85 -25 +85 -26 +90 **Material** metal metal metal **Without **A 2.5 **Minimum actuating force / in activation direction N 30 **Protection class IP mounting position S x (M20 x 1.5) **screw-type terminals* **Reference code • according to DIN 40719 extended according to IEC 204-2 **Second in a constant of the second in a constant of the const	Design of the switching function		
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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 Design of the operating mechanism Actuating speed mm/s / m/s Minimum actuating force / in activation direction N 30 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 *A 0 +90 metal metal without M 30 IP66/IP67 any 3 x (M20 x 1.5) Screw-type terminals	Resistance against vibration		0.35 mm / 5g
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 during storage during storage during storage mm mm mm metal of the enclosure metal without Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 30 Protection class IP IP66/IP67 mounting position any Cable gland version 3 x (M20 x 1.5) besign of the electrical connection Reference code according to DIN 40719 extended according to IEC 204-2 S 	Ambient temperature		
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 30 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	during operating	°C	-25 +85
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• 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 30 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	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 30 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 without without without without without Actuating speed N 30 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals S	Material		
Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 30 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 30 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	Minimum actuating force / in activation direction	N	30
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 FN 61346-2	 according to DIN 40719 extended according to IEC 204-2 		S
50000 m. g to 2 m. 211 010 10 2	• according to DIN EN 61346-2		В

Certificates/ approvals:

General Product Approval

Declaration of Conformity

Test Certificates











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

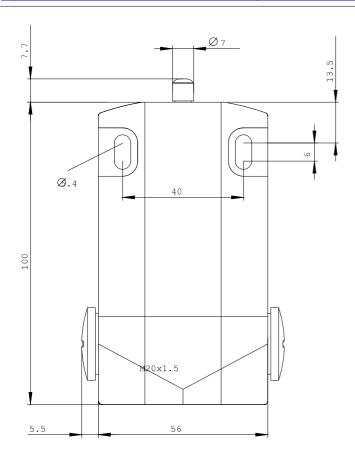
http://www.siemens.com/cax

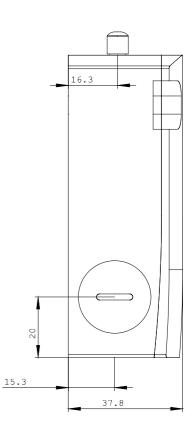
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SE5162-0BA00/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5162-0BA00





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