SIEMENS

Product data sheet 3SE5162-0BD02



SIRIUS POSITION SWITCH 3SE5162,
METAL ENCLOSURE XL,56MM WIDE WITH ROLLER
PLUNGER,
FROM HIGH-GRADE STEEL ROLLER 13MM,
DEVICE CONNECTION 3X(M20X1.5),
2X (1NC/1NO) SLOW-ACTION CONTACT;
IP66/ IP67

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

3SE5162-0BA00

3SE5000-0AD02

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	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

- of the sync DIAZED fuse link - of the quick DIAZED fuse link - of the Q characteristic circuit breaker Mechanical operating cycles as operating time - with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / spicel - with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / spicel - with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy Design of the contact element Number of NC contacts - for auxiliary contact	Continuous current		
* of the Quick DIAZED fuse link * of the C characteristic circuit breaker * A 1 **Mechanical operating cycles as operating time * typical * 5,000,000 **With contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical * 100,000 **With contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical * or AC-15 / at 230 V / bypical		А	6
of the C characteristic circuit breaker A 1 Mechanical operating cycles as operating time			
Mechanical operating cycles as operating time			
Position			
Electrical operating cycles as operating time • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical • at AC-15 / at 230 V / typical • telectrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1025, 3RT1026, 3RT1026, 3RT1026, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3			5,000,000
• with contactor SRH11, SRT1016, 3RT1017, 3RT1024, 3RT1025, SRT1026 / typical 5,000,000 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 Number of NC contacts 2 • for auxiliary contacts 2 Besign of the switching function 2 Number of NO contacts 2 • for auxiliary contacts 2 Resistance against vibration 30,35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature "C -25 +85 • during operating "C -25 +85 • during operating "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 Actuality speed N 30 Millimum actuating force / in activation direction N 30 <td></td> <td></td> <td>3,000,000</td>			3,000,000
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Repeat accuracy mm 0.05 Design of the contact element slow-action contacts Number of NC contacts	Electrical operating cycles in one hour		
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Design of the switching function Number of NO contacts • for auxiliary contacts • for auxiliary contacts Resistance against vibration Resistance against shock Ambient temperature • during operating • during storage **C*** C-25+85 • during storage **C*** C-40+90 Width of the sensor Material • of the enclosure Material / of the housing / of the switch head 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 Item designation • according to DIN 40719 extendable after IEC 204-2 **Total Contact of the contact	Number of NC contacts		
Number of NO contacts	• for auxiliary contacts		2
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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 **Material / of the housing / of the switch head **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 **Lem designation • according to DIN 40719 extendable after IEC 204-2 **Samples minimum and standard in the switch and standard in the samples are samples and standard in the samples are samples and samples are samples are samples and samples are samples and samples are samples are samples are samples are samples and samples are samples are samples are samples are samples and samples are samples	Number of NO contacts		
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Material / of the housing / of the switch head 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 **according to DIN 40719 extendable after IEC 204-2 **metal metal metal Metal Metal Metal Metal Stainless steel roller N 30 IP66/IP67 any Sorew-type terminals **screw-type terminals	Material		
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Minimum actuating force / in activation direction Protection class IP IP66/IP67 mounting position Cable gland version Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 N 30 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals	Design of the operating mechanism		Stainless steel roller
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	Actuating speed	mm/s / m/s	0.4 1
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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 B	according to DIN 40719 extendable after IEC 204-2		S
	according to DIN EN 61346-2		В

Certificates/approvals:

General Product Approval

Declaration of Conformity

Test Certificates











Special Test Certificate

other

Confirmation

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

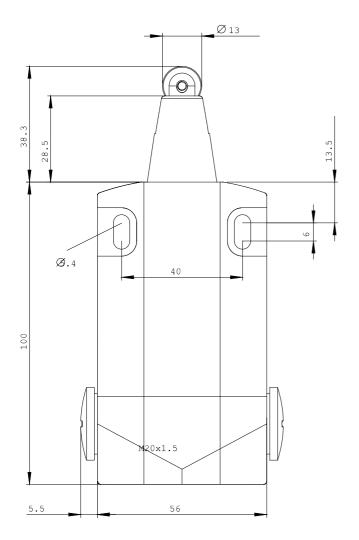
http://www.siemens.com/cax

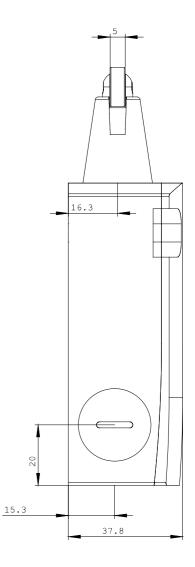
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SE5162-0BD02/all

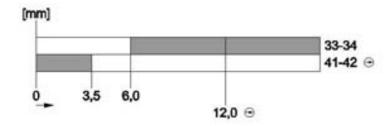
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5162-0BD02









last change: Feb 18, 2013