SIEMENS

Product data sheet 3SE5322-0SB21



SAFETY POSITION SWITCHES WITH SOLENOID INTERLOCKING LOCK. FORCE 1300N,5 APPR. DIR. PLASTIC ENCLOSURE,3X(M20X1.5) MAGNETIC FIELD LOCKED,

MAGNET VOLTAGE 24V DC, MONITOR. OF ACTUATOR 2NC/1NO, MONITOR. OF MAGNET 2NC/1NO

General technical details:						
Explosion protection category for dust		none				
Supply voltage						
of the magnet coil	V	24				
Relative ON period						
of the magnet coil	%	100				
Recorded real power						
of the magnet coil	W	3.5				
Insulation voltage						
• rated value	V	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	3				
• 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				

Continuous current • of the slow DIAZED fuse link A 6 • of the quick DIAZED fuse link A 10 • of the Quick DIAZED fuse link A 0.5 Mechanical operating cycles as operating time 1,000,000 Electrical operating cycles as operating time 1,000,000 • with centactor SRH11, SRT1015, SRT1017, SRT1024, SRT1025, SRT1026, SR	• at 230 V / rated value	Α	0.27		
of the Quick DIAZED fuse link of the C characteristic circuit breaker Mechanical operating cycles as operating time / typical Electrical operating sycles as operating time / typical Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 1ypical Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026	Continuous current				
• 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 Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / sylical Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1025, 3RT1026 Repeat accuracy mm	• of the slow DIAZED fuse link	Α	6		
Mechanical operating cycles as operating time / typical 1,000,000	of the quick DIAZED fuse link	Α	10		
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, 3RT1025, 3RT1026 Repeat accuracy mm 0.05 Repeat accuracy mm 0.05 Repeat of the contact element Number of NC contacts *for the position surveillance of the locking element *for the position surveillance of the activation element *for the switching function *Resistance against vibration *for the switching function *for the switching storage *for 25+60 *for 40+80 *f	of the C characteristic circuit breaker	Α	0.5		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 1,000,000 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 the position surveillance of the locking element 2 Number of NC contacts 2 • for the position surveillance of the activation element 1 • for the position surveillance of the locking element 1 • for the position surveillance of the activation element 1 • for the position surveillance of the activation element 1 • for the position surveillance of the activation element 1 • for the position surveillance of the activation element 1 • for the position surveillance of the activation element 1 • for the position surveillance of the activation element 1 • for the position surveillance of the activation element 1 • for the position surveillance of the activation element 1 • for the switching function 0.35 mm / 5g Resistance against vibration °C<	Mechanical operating cycles as operating time / typical		1,000,000		
Bit circlaid 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 the position surveillance of the tocking element • for the position surveillance of the activation element Number of NC contacts • for the position surveillance of the tocking element • for the position surveillance of the activation element Number of NC contacts • for the position surveillance of the tocking element • for the position surveillance of the tocking element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • activation provided to the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance • during operating • during storage • C	Electrical operating cycles as operating time				
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,000 Repeat accuracy mm 0.05 Design of the contact element slow-action contacts • for the position surveillance of the locking element 2 Number of NC contacts • for the position surveillance of the activation element 2 Number of NO contacts • for the position surveillance of the locking element 1 Number of NO contacts • for the position surveillance of the activation element 1 Design of the switching function positive opening Resistance against vibration 0.35 mm / 5g Resistance against vibration 30g / 11 ms Ambient temperature • during operating • during storage "C -25 +60 • during storage "C -40 +80 Width of the sensor mm 54 Material of the housing / of the switch head plastic Design of the operating mechanism 5 directions of approach Actuating speed m/s 0.4 1.5 Minimum actuating force N 30 Protection class IP IP66/IP67 mounting position 3 x (M20 x 1.5) <td></td> <td></td> <td>1,000,000</td>			1,000,000		
Repeat accuracy Design of the contact element Number of NC contacts • for the position surveillance of the locking element Number of NC contacts • for the position surveillance of the activation element Number of NC contacts • for the position surveillance of the locking element Number of NO contacts • for the position surveillance of the locking element Number of NO contacts • for the position surveillance of the locking element Number of NO contacts • for the position surveillance of the activation element Number of NO contacts • for the position surveillance of the activation element Number of NO contacts • for the position surveillance of the activation element Number of NO contacts • for the position surveillance of the activation element Number of NO contacts • for the position surveillance of the activation element Number of NO contacts • for the position surveillance of the activation element 1 Design of the switching function Resistance against vibration Resistance against vibration **C** - 25 +60 - 40 +80 Width of the sensor Material • of the enclosure Material • of the enclosure Material • of the operating mechanism Actuating speed M/s Actuating speed M/s Actuating speed M/s No Protection class IP mounting position Cable gland version Design of the electrical connection **C** **C** **C** **C** **C** **C** **D** **C** **D** **C** **C** **D** **S* **Grew-type terminals	Electrical operating cycles in one hour				
Design of the contact element Number of NC contacts • for the position surveillance of the locking element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the locking element • for the position surveillance of the locking element • for the position surveillance of the locking element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • positive opening Resistance against vibration Resistance against vibration Resistance against vibration • during operating • °C • 25 +60 • during operating • °C • 40 +80 Width of the sensor mm • 4 Material • of the enclosure Material / of the housing / of the switch head Design of the operating mechanism Actuating speed m/s • 0.4 1.5 Minimum actuating force N 30 Protection class IP mounting position Cable gland version besign of the electrical connection screw-type terminals			6,000		
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Number of NC contacts 2 Number of NC contacts 2 Number of NO contacts 2 Number of NO contacts 1 I for the position surveillance of the activation element 1 Design of the switching function positive opening Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature 40uring operating Ouring storage °C -25 +60 Vidith of the sensor mm 54 Material plastic Of the enclosure plastic Material / of the housing / of the switch head plastic Design of the operating mechanism 5 directions of approach Actuating speed m/s 0.4 1.5 Minimum actuating force N 30 Protection class IP IP66/IP67 mounting position 3 x (M20 x 1.5) Design of the electrical connection x c	Design of the contact element		slow-action contacts		
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Number of NO contacts • for the position surveillance of the locking element Number of NO contacts • for the position surveillance of the activation element Design of the switching function 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 Minimum actuating force Protection class IP mounting position Design of the electrical connection Minimum actuation Design of the electrical connection Actual to the electrical connection 1 1 1 1 1 1 1 1 1 1 1 1 1	Number of NC contacts				
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Number of NO contacts • for the position surveillance of the activation element Design of the switching function 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 m/s Material for the operating mechanism Actuating speed Minimum actuating force N 30 Protection class IP mounting position Cable gland version Design of the electrical connection 1 1 1 1 1 1 1 1 1 1 1 1 1	Number of NO contacts				
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Resistance against shock Ambient temperature • during operating • during storage © C -25 +60 • during storage © C -40 +80 Width of the sensor mm 54 Material • of the enclosure Material / of the housing / of the switch head Design of the operating mechanism Actuating speed m/s 0.4 1.5 Minimum actuating force N 30 Protection class IP mounting position Cable gland version Design of the electrical connection 3 x (M20 x 1.5) Design of the electrical connection	Design of the switching function		positive opening		
Ambient temperature • during operating • during storage °C -40 +80 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 Protection class IP mounting position Cable gland version Design of the electrical connection °C -25 +60 -40 +80 Plastic plastic plastic 5 directions of approach N 30 IP66/IP67 any 3 x (M20 x 1.5) Screw-type terminals	Resistance against vibration		0.35 mm / 5g		
 during operating during storage C -25 +60 during storage C -40 +80 Width of the sensor mm 54 Material of the enclosure plastic Material / of the housing / of the switch head plastic Design of the operating mechanism 5 directions of approach Actuating speed m/s 0.4 1.5 Minimum actuating force 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 	Resistance against shock		30g / 11 ms		
 during storage C -40 +80 Width of the sensor mm 54 Material of the enclosure plastic Material / of the housing / of the switch head plastic Design of the operating mechanism 5 directions of approach Actuating speed m/s 0.4 1.5 Minimum actuating force 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	Ambient temperature				
Width of the sensor mm 54 Material of the enclosure plastic Material / of the housing / of the switch head plastic Design of the operating mechanism 5 directions of approach Actuating speed m/s 0.4 1.5 Minimum actuating force 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	during operating	°C	-25 +60		
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Material / of the housing / of the switch headplasticDesign of the operating mechanism5 directions of approachActuating speedm/s0.4 1.5Minimum actuating forceN30Protection class IPIP66/IP67mounting positionanyCable gland version3 x (M20 x 1.5)Design of the electrical connectionscrew-type terminals	Material				
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Actuating speed m/s 0.4 1.5 Minimum actuating force 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	Material / of the housing / of the switch head		plastic		
Minimum actuating force N 30 Protection class IP IP66/IP67 mounting position Cable gland version Design of the electrical connection N 30 IP66/IP67 any 3 x (M20 x 1.5) screw-type terminals	Design of the operating mechanism		5 directions of approach		
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	Actuating speed	m/s	0.4 1.5		
mounting position Cable gland version 3 x (M20 x 1.5) Design of the electrical connection screw-type terminals	Minimum actuating force	N	30		
Cable gland version 3 x (M20 x 1.5) Design of the electrical connection screw-type terminals	Protection class IP		IP66/IP67		
Design of the electrical connection screw-type terminals	mounting position		any		
	Cable gland version		3 x (M20 x 1.5)		
Item designation	Design of the electrical connection		screw-type terminals		
	Item designation				

- according to DIN 40719 extendable after IEC 204-2 / according to IEC 750
- according to DIN EN 61346-2

S		
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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Cax online generator:

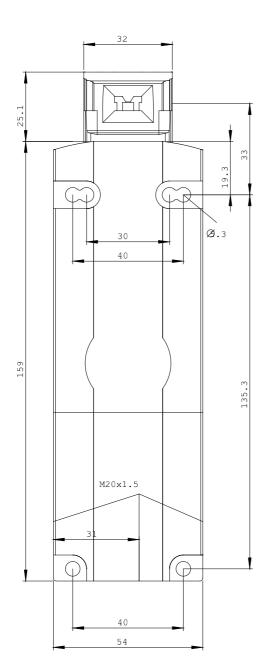
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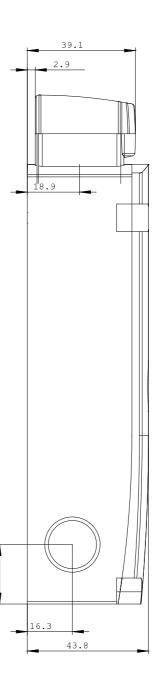
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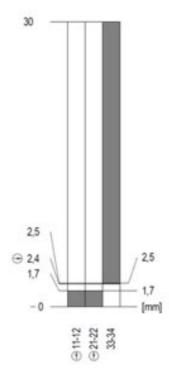
http://support.automation.siemens.com/WW/view/en/3SE5322-0SB21/all

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

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