SIEMENS

Product data sheet 3SE5232-0BC05



SIRIUS POSITION SWITCH PLASTIC HOUSING ACC. TO EN50047,

31MM DEVICE CONNECTION 1X (M20X1.5); 1NO/1NC SLOW-ACTION CONTACTS TEFLON PLUNGER

Manufacturer article number

• of the basic unit included in the scope of supply

3SE5232-0BC05

General technical details:		
product designation		standard position switch
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	3
• 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	Α	6
of the quick DIAZED fuse link	Α	10

Nechanical operating cycles as operating time ***- **- **- **- **- **- **- **- **- *	of the C characteristic circuit breaker	Α	2
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, 3RT1028 *Electrical operating cycles in one hour *with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028 *mm	Mechanical operating cycles as operating time		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 10,000,000 • at AC-15 / at 230 V / typical 100,000 Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,000 Repeat accuracy mm .05 Design of the contact element slow-action contacts Number of NC contacts 1 • for auxiliary contacts 1 • desistance against vibration 305 / 11 ms Resistance against vibration ***C • during operating ***C 25 85 • during perating ***C **EN 50047	• typical		15,000,000
RRT1028 / typical 100,000 Electrical operating cycles in one hour 6,000 "with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,000 Repeat accuracy mm 0.6 Design of the contact element slow-action contacts Number of NC contacts 1 • for auxiliary contacts 1 • count auxiliary contacts 1 • desistance against vibration 2 • during storage ° C • Counting storage ° C • for t	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 Image: contact action contacts Image: contact action contacts Vumber of NC contacts Image: contact action contacts 1 Design of the switching function Image: contact action contacts 1 Vumber of NC contacts Image: contact action contact action contacts 1 Visit of auxiliary contacts 1 1 Resistance against vibration Image: contact action contact a			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 au	• 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			6,000
Number of NC contacts	Repeat accuracy	mm	0.05
• for auxiliary contacts 1 Design of the switching function positive opening Number of NO contacts 1 • for auxiliary contacts 1 Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature • during operating • during storage °C -25 85 • during storage °C -40 90 Product specification EN 50047 • for dimensions EN 50047 Width of the sensor mm 31 material • plastic • of the housing of the housing / of the switch head plastic Design of the operating mechanism teflon plunger Actuating speed mm/s / m/s 0.4 1.5 Minimum actuating force / in activation direction N 20 Protection class IP IP65 Built in orientation any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals Item designation according to DIN 40719 extendable after IEC 204-2 S	Design of the contact element		slow-action contacts
Design of the switching function positive opening Number of NO contacts	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 • during operating °C -25 85 • during storage °C -40 90 Product specification EN 50047 • for dimensions EN 50047 Width of the sensor mm 31 material • plastic • of the housing plastic Material / of the housing / of the switch head plastic Design of the operating mechanism teflon plunger Actuating speed mm/s / m/s 0.4 1.5 Minimum actuating force / in activation direction N 20 Protection class IP IP65 Built in orientation any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals Item designation screw-type terminals	Design of the switching function		positive opening
Resistance against vibration Resistance against shock Ambient temperature • during operating • during storage Product specification • for dimensions Width of the sensor material • of the housing Material / of the housing / of the switch head Design of the operating mechanism Actuating speed Minimum actuating force / in activation direction Protection class IP Built in orientation Cable gland version • according to DIN 40719 extendable after IEC 204-2 **C	Number of NO contacts		
Resistance against shock Ambient temperature • during operating • during storage Product specification • for dimensions Width of the sensor material • of the housing Material / of the housing / of the switch head Design of the operating mechanism 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 **C	for auxiliary contacts		1
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• during storage Product specification • for dimensions Width of the sensor material • of the housing Material / of the housing / of the switch head Design of the operating mechanism Actuating speed Minimum actuating force / in activation direction Protection class IP Built in orientation Cable gland version Design of the electrical connection Protection class IP Built morientation Cable gland version Pesign of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 S Cable gland version S S Cable gland version S S Cable gland version S S Cable gland version Cable gland versi	Ambient temperature		
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◆ of the housing plastic Material / of the housing / of the switch head plastic Design of the operating mechanism teflon plunger Actuating speed mm/s / m/s 0.4 1.5 Minimum actuating force / in activation direction N 20 Protection class IP IP65 Built in orientation any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals Item designation according to DIN 40719 extendable after IEC 204-2 S	Width of the sensor	mm	31
Material / of the housing / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s 0.4 1.5 Minimum actuating force / in activation direction Protection class IP Built in orientation Cable gland version Design of the electrical connection term designation • according to DIN 40719 extendable after IEC 204-2 plastic teflon plunger teflon plunger 0.4 1.5 N 20 IP65 any 1x (M20 x 1.5) screw-type terminals	material		
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Actuating speed mm/s / m/s 0.4 1.5 Minimum actuating force / in activation direction N 20 Protection class IP IP65 Built in orientation any Cable gland version 1x (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 / of the housing / of the switch head		plastic
Minimum actuating force / in activation direction Protection class IP Built in orientation Cable gland version 1x (M20 x 1.5) Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 N 20 IP65 Any 1x (M20 x 1.5) Screw-type terminals	Design of the operating mechanism		teflon plunger
Protection class IP Built in orientation Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals Item designation • according to DIN 40719 extendable after IEC 204-2 S	Actuating speed	mm/s / m/s	0.4 1.5
Built in orientation any Cable gland version 1x (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 1x (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		IP65
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		1x (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

Functional Safety / Safety of Machinery



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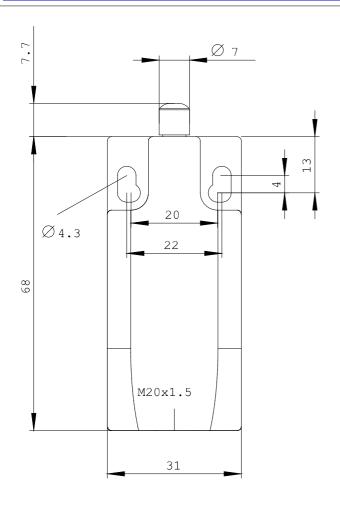
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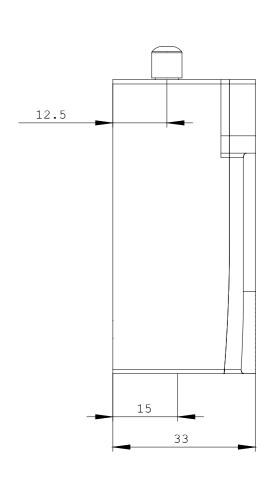
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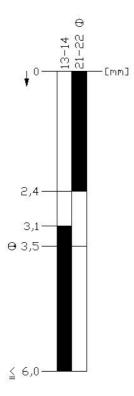
http://support.automation.siemens.com/WW/view/en/3SE5232-0BC05/all

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

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