SIEMENS

Product data sheet 3SE5232-0HR01



SIRIUS POSITION SWITCH;
PLASTIC HOUSING ACC. TO EN50047,
31MM DEVICE CONNECTION 1X(M20X1.5);
1NO/1NC SNAP-ACTION CONTACTS INTEGRATED (NOT REPLACEABLE) SPRING ROD

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

3SE5232-0HC05

3SE5000-0AR01

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 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

• at 400 V / rated value Continuous current • of the slow DIAZED fuse link • of the quick DIAZED fuse link • 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 Repeat accuracy Design of the contact element Number of NC contacts • for auxiliary contact Number of NO contacts • for auxiliary contact Resistance against vibration Resistance against vibration Resistance against shock Ambient temperature • during the operating phase • 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 mm/s / m/s	0.1 6 10 2 10,000,000
of the slow DIAZED fuse link of the quick DIAZED fuse link of the Quick DIAZED fuse link 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 tat AC-15 / at 230 V / typical Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy Design of the contact element Number of NC contacts for auxiliary contact Number of NO contacts for auxiliary contact Resistance against vibration Resistance against shock Ambient temperature during the operating phase 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 mm/s / m/s	10 2
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Electrical operating cycles as operating time * 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 Repeat accuracy mm Design of the contact element Number of NC contacts * for auxiliary contact Number of NO contacts * for auxiliary contact Resistance against vibration Resistance against shock Ambient temperature * during the operating phase * during storage * C 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 mm/s / m/s	10,000,000
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Repeat accuracy mm Design of the contact element Number of NC contacts • for auxiliary contact Number of NO contacts • for auxiliary contact Resistance against vibration Resistance against shock Ambient temperature • during the operating phase • 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 mm/s / m/s	
Design of the contact element Number of NC contacts • for auxiliary contact Number of NO contacts • for auxiliary contact Resistance against vibration Resistance against shock Ambient temperature • during the operating phase • 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 mm/s / m/s	6,000
Number of NC contacts	0.1
• for auxiliary contact Number of NO contacts • for auxiliary contact Resistance against vibration Resistance against shock Ambient temperature • during the operating phase • 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 mm/s / m/s	snap-action contacts
Number of NO contacts	
• for auxiliary contact Resistance against vibration Resistance against shock Ambient temperature • during the operating phase	1
Resistance against vibration Resistance against shock Ambient temperature • during the operating phase • during storage °C 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 mm/s / m/s	
Resistance against shock Ambient temperature • during the operating phase • during storage • C 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 mm/s / m/s	1
Ambient temperature • during the operating phase • during storage • C 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 • mm/s / m/s	0.35 mm / 5g
during the operating phase 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 "C "C Product specification mm Material For dimensions mm/s / m/s mm/s / m/s	30g / 11 ms
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Product specification	-25 85
• 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 mm/s / m/s	-40 90
Width of the sensor mm Material • of the housing Material / of the housing / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s	
Material • of the housing Material / of the housing / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s	EN 50047
• of the housing Material / of the housing / of the switch head Design of the operating mechanism Actuating speed	31
Material / of the housing / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s	
Design of the operating mechanism Actuating speed mm/s / m/s	plastic
Actuating speed mm/s / m/s	plastic
	total length = 142.5 mm (spring 50 mm, plastic plunger 50 mm)
Protection class IP	0.1 1
	IP65
Built in orientation	any
Design of the cable entry (gland)	1x (M20 x 1.5)
Design of the electrical connection	screw-type terminals
Item designation	
according to DIN 40719 extendable after IEC 204-2	

Further information:

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

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

Global Industry Mall (Online ordering system)

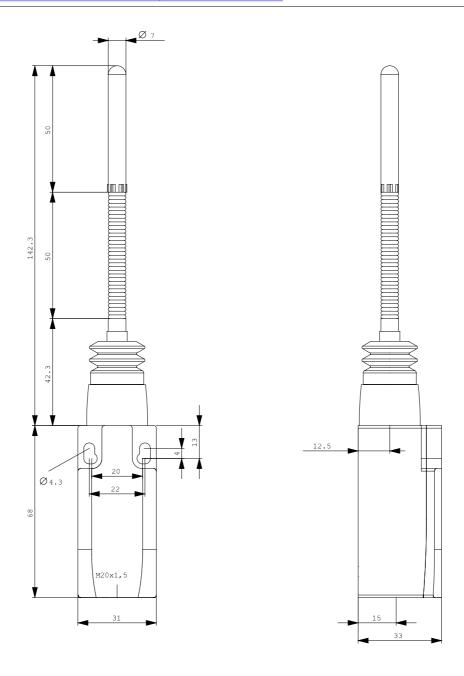
http://www.siemens.com/industrial-controls/mall

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

http://support.automation.siemens.com/WW/view/en/3SE5232-0HR01/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5232-0HR01





last change: Aug 16, 2010