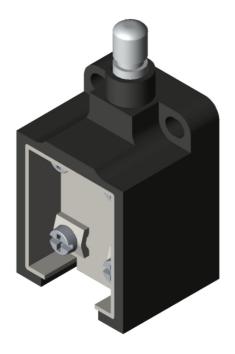
SIEMENS

Product data sheet 3SE5250-0CC05



SIRIUS POSITION SWITCH; PLASTIC HOUSING OPEN TYPE 30MM 1NO/1NC SNAP-ACTION CONTACTS TEFLON PLUNGER, IP20

General technical details:			
Product designation		standard position switch	
Insulation voltage			
rated value	V	400	
Degree of pollution		class 3	
Thermal current	A	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	6	
• 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	А	0.27	
• at 400 V / rated value	А	0.1	
Continuous current			
of the slow DIAZED fuse link	А	6	
of the quick DIAZED fuse link	А	10	

Mechanical operating cycles as operating time 15,000,000 Electrical operating cycles as operating time 10,000,000 a 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 Verification contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1025, 3RT1026 6,000 Repeat accuracy mm 0.1 Design of the contact element year-paction contacts Number of NC contacts 1 Possign of the switching function year-paction contacts Number of NO contacts year-paction contacts I or auxiliary contact 1 Resistance against vibration year-paction contacts Resistance against vibration year-paction contacts Resistance against vibration year-paction contacts 4 withing storage "Co-92585 4 during storage "Co-92585 4 during the operating phase "Co-92585 5 during storage "Co-92585 6 during storage "Co-92595 6 the housing mm jeaction contac	of the C characteristic circuit breaker	Α	2
Electrical operating cycles as operating time *with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical *at AC-16 / at 230 V / typical Electrical operating cycles in one hour *with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026 / sart1026 Repeat accuracy mm 0.1 Design of the contact element Number of NC contacts *for auxillary contact	Mechanical operating cycles as operating time		
* with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 100,000 * Bectrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / SRT1026 /	• typical		15,000,000
SRT1026 / 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 0.1 Design of the contact element Number of NC contacts • for auxillary contact • for	Electrical operating cycles as operating time		
Electrical operating cycles in one hour • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy mm 0.1 Design of the contact element Number of NC contacts • for auxiliary contact Resistance against vibration Resistance against vibration • during the operating phase • during the operating phase • during storage • during storage • for auxiliary contact • fo			10,000,000
* with contactor SRH11, SRT1016, SRT1017, SRT1024, SRT1025, SRT1026 Repeat accuracy mm 0.1 Design of the contact element Number of NC contacts * for auxiliary contact * during the operating phase * during the operating phase * during torage * C	• at AC-15 / at 230 V / typical		100,000
ART1026 mm 0.1 Design of the contact element snap-action contacts Number of NC contacts 1 • for auxiliary contact 1 Design of the switching function positive opening Number of NC contacts 1 • for auxiliary contact 1 Resistance against vibration 0.35 mm/5g Resistance against vibration 309 /11 ms Ambient temperature °C -25 85 • during the operating phase °C -25 85 • during storage °C -40 90 Width of the sensor mm 30 Material • of the housing plastic, open-type Material / of the housing / of the switch head plastic Design of the operating mechanism ** teflon plunger Actuating speed mm/s / m/s 0.1 1.5 Minimum actuating force / in activation direction N 20 Protection class IP in place in place Built in orientation any Event designation ** <td< td=""><td>Electrical operating cycles in one hour</td><td></td><td></td></td<>	Electrical operating cycles in one hour		
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Number of NC contacts	Repeat accuracy	mm	0.1
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Design of the switching function positive opening Number of NO contacts	Number of NC contacts		
Number of NO contacts	for auxiliary contact		1
• for auxiliary contact Resistance against vibration Resistance against shock Ambient temperature • during the operating phase • during storage 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 Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 O 30g / 11 ms O 30g / 11 ms Actual 30g / 11 ms	Design of the switching function		positive opening
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Resistance against shock Ambient temperature	for auxiliary contact		1
Ambient temperature • during the operating phase • during storage ©C -25 85 • during storage ©C -40 90 Width of the sensor mm 30 Material • of the housing Material / of the housing / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s Minimum actuating force / in activation direction N 20 Protection class IP Built in orientation Design of the electrical connection Pesign of the electrical connection Screw-type terminals Item designation • according to DIN 40719 extendable after IEC 204-2 S S	Resistance against vibration		0.35 mm / 5g
 during the operating phase during storage C -25 85 40 90 Width of the sensor mm 30 Material of the housing plastic, open-type Material / of the housing / of the switch head plastic <l< td=""><td>Resistance against shock</td><td></td><td>30g / 11 ms</td></l<>	Resistance against shock		30g / 11 ms
• during storage Width of the sensor mm 30 Material • of the housing haterial / of the housing / of the switch head Design of the operating mechanism teflon plunger Actuating speed mm/s / m/s 0.1 1.5 Minimum actuating force / in activation direction N 20 Protection class IP IP20 Built in orientation	Ambient temperature		
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Material • of the housing plastic, open-type Material / of the housing / of the switch head plastic Design of the operating mechanism teflon plunger Actuating speed mm/s / m/s 0.1 1.5 Minimum actuating force / in activation direction N 20 Protection class IP IP20 Built in orientation any Design of the electrical connection screw-type terminals Item designation screw-type terminals • according to DIN 40719 extendable after IEC 204-2 S	during storage	°C	-40 90
• of the housing plastic, open-type Material / of the housing / of the switch head plastic Design of the operating mechanism teflon plunger Actuating speed mm/s / m/s 0.1 1.5 Minimum actuating force / in activation direction N 20 Protection class IP IP20 Built in orientation any 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	30
Material / of the housing / of the switch head Design of the operating mechanism Actuating speed mm/s / m/s 0.1 1.5 Minimum actuating force / in activation direction N 20 Protection class IP IP20 Built in orientation Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 Plastic plastic plastic plastic plastic plastic plastic plastic any 20 S S S S S S S S S S S S S	Material		
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Actuating speed mm/s / m/s 0.1 1.5 Minimum actuating force / in activation direction N 20 Protection class IP IP20 Built in orientation any 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 Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 N 20 IP20 any screw-type terminals	Design of the operating mechanism		teflon plunger
Protection class IP Built in orientation Design of the electrical connection Item designation • according to DIN 40719 extendable after IEC 204-2 IP20 any screw-type terminals S	Actuating speed	mm/s / m/s	0.1 1.5
Built in orientation any 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
Design of the electrical connection screw-type terminals Item designation • according to DIN 40719 extendable after IEC 204-2	Protection class IP		IP20
Item designation • according to DIN 40719 extendable after IEC 204-2 S	Built in orientation		any
• 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

Further information:

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

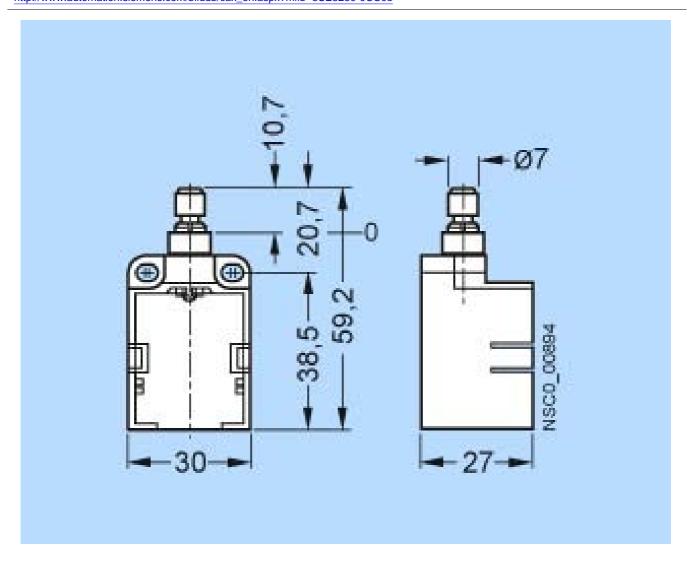
http://www.siemens.com/industrial-controls/catalogs

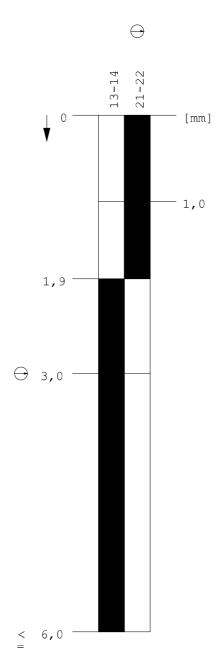
Global Industry Mall (Online ordering system)

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

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5250-0CC05





last change: Aug 16, 2010