SIEMENS

Product data sheet

3SE5122-0BE01



SIRIUS POSITION SWITCH METAL ENCLOSURE 56MM WIDE DEVICE CONNECTION 3X (M20X1.5) 1NO/1NC SLOW-ACTION CONTACTS METAL ROLLER LEVER AND PLASTIC ROLLER 22MM

Manufacturer article number			
 of the basic unit included in the scope of supply 		3SE5122-0BA00	
 of the actuator head for position switches included in the scope of supply 		<u>3SE5000-0AE01</u>	
General technical details:			
Product designation		standard position switch	
Insulation voltage			
rated value	V	400	
Degree of pollution		class 3	
Thermal current	А	6	
Operating current			
• at AC-15			
at 24 V / rated value	А	6	
• at 125 V / rated value	А	6	
• at 230 V / rated value	А	3	
• at DC-13			
at 24 V / rated value	А	3	
• at 125 V / rated value	А	0.55	
• at 230 V / rated value	А	0.27	
Continuous current			

of the slow DIAZED fuse link	А	6	
of the quick DIAZED fuse link	А	10	
of the C characteristic circuit breaker	А	1	
Mechanical operating cycles as operating time			
• typical		15,000,000	
Electrical 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	0.1	
Design of the contact element		slow-action contacts	
Number of NC contacts			
for auxiliary contact		1	
Design of the switching function		positive opening	
Number of NO contacts	-		
for auxiliary contact		1	
Resistance against vibration		0.35 mm / 5g	
Resistance against shock		30g / 11 ms	
Ambient temperature			
 during the operating phase 	°C	-25 85	
during storage	°C	-40 90	
Width of the sensor	mm	56	
Material			
• of the housing		metal	
Material / of the housing / of the switch head		metal	
Design of the operating mechanism		metal lever, plastic roller	
Actuating speed	mm/s / m/s	0.4 2.5	
Minimum actuating force / in activation direction	N	9	
Protection class IP		IP66/IP67	
Built in orientation		any	
Design of the cable entry (gland)		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	
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

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

http://support.automation.siemens.com/WW/view/en/3SE5122-0BE01/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5122-0BE01





