SIEMENS

Product data sheet

3SE5232-0HK80



SIRIUS POSITION SWITCH; PLASTIC HOUSING ACC. TO EN50047, 31MM DEVICE CONNECTION 1X M20X1.5; 1NO/1NC SNAP-ACTION CONTACTS INTEGRATED (NOT REPLACEABLE) ROD ACTUATOR ALUMINUM ROD 200MM

 of the basic unit included in the scope of supply 	
 of the actuator head for position switches included in the scope of supply 	

• of the operating lever included in the scope of supply

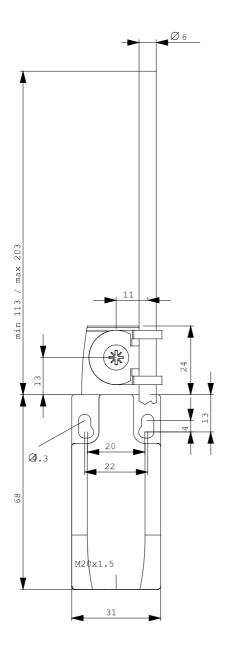
3SE5232-0HC05 3SE5000-0AK00

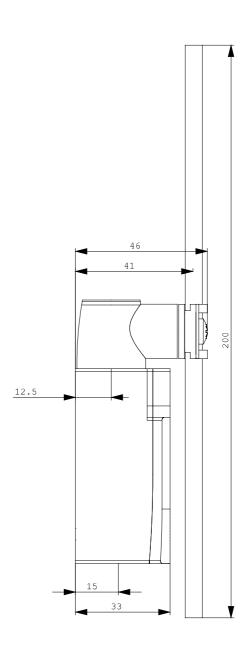
3SE5000-0AA80

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	А	6
• at 125 V / rated value	А	6
• at 230 V / rated value	А	3
• at 400 V / rated value	А	4
• 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

• 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
of the C characteristic circuit breaker	А	2
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	0.05
Design of the contact element	-	snap-action contacts
Number of NC contacts	-	
for auxiliary contacts		1
Number of NO contacts	-	
for auxiliary contacts		1
Resistance against vibration	-	0.35 mm / 5g
Resistance against shock	-	30g / 11 ms
Ambient temperature	-	
during operating	°C	-25 85
during storage	°C	-40 90
Product specification		
• for dimensions		EN 50047
Width of the sensor	mm	31
material		
of the housing		plastic
Material / of the housing / of the switch head	-	plastic
Design of the operating mechanism		rod actuator, aluminium, 200 mm long
Actuating speed	mm/s / m/s	0.1 1.5
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
according to DIN EN 61346-2		В

Certificates/approvals:						
General Product A	pproval				Functional Safety / Safety of Machinery	
coc	(SA)	ROSTEST			<u>TÜV</u>	
Test Certificates	other					
Manufacturer	Manufacturer					
Further information: Information- and Downloadcenter (Catalogs, Brochures,) http://www.siemens.com/industrial-controls/catalogs						
Industry Mall (Online ordering system) http://www.siemens.com/industrial-controls/mall						
CAx-Online-Generat						
Service&Support (Manuals, Certificates, Characteristics, FAQs,) http://support.automation.siemens.com/WW/view/en/3SE5232-0HK80/all						
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams,) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5232-0HK80						





last change:

