



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

Manufacturer article number <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• rated value	V	400
Degree of pollution		class 3
Thermal current	A	6
Operating current <ul style="list-style-type: none">• at AC-15<ul style="list-style-type: none">• at 24 V / rated value• at 125 V / rated value• at 230 V / rated value• at 400 V / rated value• at DC-13<ul style="list-style-type: none">• at 24 V / rated value• at 125 V / rated value• at 230 V / rated value	A	6
	A	6
	A	3
	A	4
	A	3
	A	0.55
	A	0.27

• at 400 V / rated value	A	0.1
Continuous current		
• of the slow DIAZED fuse link	A	6
• of the quick DIAZED fuse link	A	10
• of the C characteristic circuit breaker	A	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		B

Certificates/approvals:

General Product Approval

Functional Safety / Safety of Machinery



CQC



CSA

[ROSTEST](#)



UL



VDE

[TÜV](#)

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-Generator

<http://www.siemens.com/cax>

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

