

SIRIUS POSITION SWITCH PLASTIC ENCLOSURE ACC. TO EN50047, 31MM DEVICE CONNECTION 1X (M20X1.5); 1NO/2NC SNAP-ACTION CONTACTS ROLLER PLUNGER, FORM C, MULTI-UNIT PACKAGING, 90 UNITS



Product designation	standard position switch
Manufacturer's article number	
<ul style="list-style-type: none"> • of the supplied basic switch 	3SE5232-0LC05
<ul style="list-style-type: none"> • of the supplied actuator head for position switches 	3SE5000-0AD03
<ul style="list-style-type: none"> • of the supplied switching contacts 	3SE5000-0LA00
<ul style="list-style-type: none"> • of the supplied empty enclosure with cover 	3SE5232-0AC05

General technical data	
Product function	
<ul style="list-style-type: none"> • positive opening 	Yes
Insulation voltage	
<ul style="list-style-type: none"> • rated value 	400 V
Degree of pollution	class 3
Surge voltage resistance rated value	6 kV
Protection class IP	IP65
Shock resistance	
<ul style="list-style-type: none"> • acc. to IEC 60068-2-27 	30 g / 11 ms
Vibration resistance	
<ul style="list-style-type: none"> • acc. to IEC 60068-2-6 	0.35 mm/5g

Mechanical service life (switching cycles)	
• typical	15 000 000
Electrical endurance (switching cycles)	
• at AC-15 at 230 V typical	100 000
Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical	10 000 000
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026	6 000
Thermal current	6 A
Equipment marking	
• acc. to DIN EN 61346-2	B
• acc. to DIN EN 81346-2	B
Continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
Continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
Continuous current of the DIAZED fuse link gG	6 A
Active principle	mechanical
Repeat accuracy	0.05 mm
Minimum actuating force in activation direction	20 N
Operating current at AC-15	
• at 24 V rated value	6 A
• at 125 V rated value	6 A
• at 230 V rated value	1.5 A
Operating current at DC-13	
• at 24 V rated value	3 A
• at 125 V rated value	0.55 A
• at 230 V rated value	0.27 A
Enclosure	
Design of the housing	block, narrow
Material of the enclosure	plastic
Coating of the enclosure	Other types
Design of the housing acc. to standard	Yes
Drive Head	
Design of the operating mechanism	Roller plunger, plastic roller
Standard-compliant actuator head	EN 50047, design C
Shape of the switch head	roller
Design of the switching function	positive opening
Connections/Terminals	
Type of electrical connection	screw-type terminals
Mechanical data	
Cable entry type	1x (M20 x 1.5)

Communication/ Protocol

Design of the interface without

Ambient conditions

Ambient temperature

- during operation -25 ... +85 °C
- during storage -40 ... +90 °C

Installation/ mounting/ dimensions

Mounting position any

Mounting type screw fixing

Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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CCC



CSA



UL



[Baumusterprüfbescheinigung](#)



EG-Konf.

Test Certificates	other
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[spezielle Prüfbescheinigung](#)
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[Bestätigungen](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5232-0LD03-Z W97>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0LD03-Z W97>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0LD03-Z W97>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0LD03-Z W97&lang=en

