

SIRIUS POSITION SWITCH PLASTIC ENCLOSURE 40MM TO EN50041 DEVICE CONNECTION 1X (M20X1.5) 1NO/1NC SNAP-ACTION CONTACTS SPRING ROD ACTUATOR 142.5 MM TOTAL LENGTH, WITH PLASTIC PLUNGER 50MM



Product designation	standard position switch
Manufacturer's article number	
<ul style="list-style-type: none"> • of the supplied basic switch 	3SE5132-0CA00
<ul style="list-style-type: none"> • of the supplied actuator head for position switches 	3SE5000-0AR01
<ul style="list-style-type: none"> • of the supplied switching contacts 	3SE5000-0CA00
<ul style="list-style-type: none"> • of the supplied empty enclosure with cover 	3SE5132-0AA00

General technical data	
Product function	
<ul style="list-style-type: none"> • positive opening 	No
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/IP67
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	10 000 000
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	10 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 torque in activation direction	0.25 N·m
Operating current at AC-15	
• at 24 V rated value	6 A
• at 125 V rated value	6 A
• at 230 V rated value	6 A
• at 400 V rated value	4 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
• at 400 V rated value	0.1 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	Spring rod, total length = 142.5 mm (spring 50 mm + plastic plunger 50 mm)
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Connections/Terminals

Type of electrical connection	screw-type terminals
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Mechanical data

Cable entry type	1x (M20 x 1.5)
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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



CCC



CSA



UL



[Baumusterprüfbescheinigung](#)



EG-Konf.

other

[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=3SE5132-0CR01>

Cax online generator

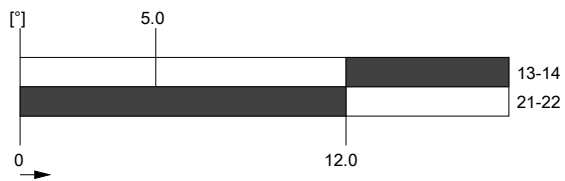
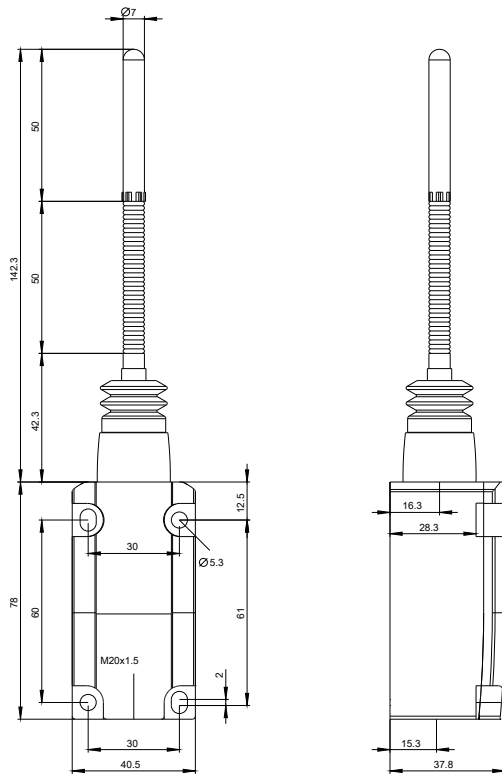
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0CR01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5132-0CR01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5132-0CR01&lang=en



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11/11/2016