SIEMENS

Data sheet 3SE5000-0CA00



CONTACT BLOCK FOR POSITION SWITCH 3SE51/52 1NO/1NC
SNAP-ACTION CONTACT

Product designation	contact

General technical data:	
Product function	
• positive opening	Yes
Insulation voltage	
• Rated value	400 V
Degree of pollution	class 3
Vibration resistance	
• acc. to IEC 60068-2-6	0.35 mm/5g
Surge voltage resistance Rated value	6 kV
Mechanical service life (switching cycles)	
• typical	15 000 000
Electrical endurance (switching cycles)	
• at AC-15 at 230 V typical	1 000 000
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
Protection class IP	IP00
Equipment marking	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
Active principle	mechanical

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Repeat accuracy	0.1 mm
Explosion protection category for dust	none
Explosion protection category for gas	none
Operating current at AC-15	
• at 230 V Rated value	6 A
• at 400 V Rated value	4 A

Enclosure:

Coating of the enclosure	Other types

Drive Head:

Design of the operating mechanism	without
Design of the switching function	positive opening

Connections/ Terminals:

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-section	
• solid	1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)
• finely stranded with core end processing	1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)
• finely stranded without core end processing	1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)
• for AWG conductors	
— solid	1x (20 ... 16), 2x (20 ... 18)
— stranded	1x (20 ... 16), 2x (20 ... 18)

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	snap-on mounting

Certificates/ approvals:

General Product Approval			Declaration of Conformity	Test Certificates	other
CSA	UL	EAC	EG-Konf.	Special Test Certificate	Confirmation

Further information

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

Industry Mall (Online ordering system)
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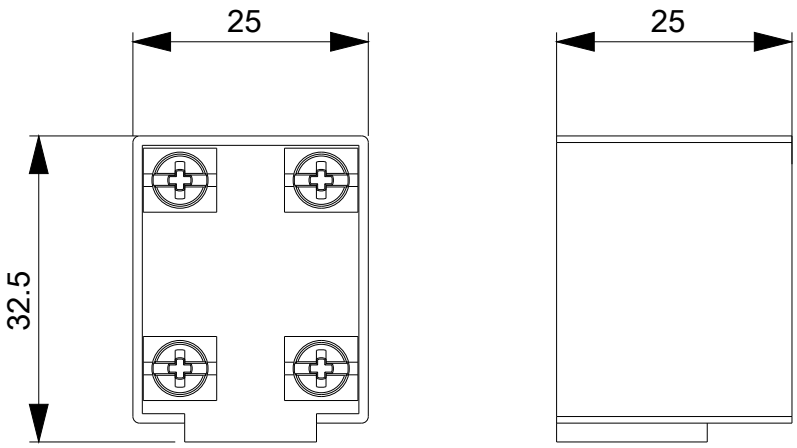
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE50000CA00

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE50000CA00&lang=en



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