

Contact block for position switch 3SE51/52 1 NO/1 NC quick action contact Short stroke



Product brand name	SIRIUS
Product designation	contact
Product type designation	3SE5

General technical data

Product function	
• positive opening	Yes
Degree of pollution	class 3
Protection class IP	IP00
Shock resistance	
• acc. to IEC 60068-2-27	30 g / 11 ms
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	10 A
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S
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	0.1 mm
Width of the sensor	25 mm
Operating frequency rated value	50 ... 60 Hz
Number of NC contacts for auxiliary contacts	1
Number of NO contacts for auxiliary contacts	1
Operating current at AC-15	
• at 125 V rated value	6 A
• at 240 V rated value	6 A
Operating current at DC-13	
• at 125 V rated value	0.55 A
• at 250 V rated value	0.27 A
• at 400 V rated value	0.12 A

Enclosure

Coating of the enclosure	Other types
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Drive Head

Design of the switching function	positive opening
Circuit principle	snap-action contacts
Number of switching contacts safety-related	1

Connections/ Terminals

Type of connectable conductor cross-sections	
• solid	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
• finely stranded with core end processing	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
• at AWG conductors solid	1x (20 ... 16), 2x (20 ... 18)
• at AWG conductors stranded	1x (20 ... 16), 2x (20 ... 18)

Communication/ Protocol

Design of the interface	without
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Ambient conditions

Ambient temperature	
• during operation	-25 ... +85 °C
• during storage	-40 ... +90 °C
Explosion protection category for dust	none

Installation/ mounting/ dimensions

Mounting position	any
Mounting type	snap-on mounting

Certificates/ approvals

General Product Approval	Declaration of Conformity
 CCC	 CSA
 UR	 EAC
	 EG-Konf.
	KC

Declaration of Conformity	Test Certificates	other
Miscellaneous	Type Test Certificates/Test Report	Confirmation

Further information

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

www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SE5000-0NA00>

Cax online generator

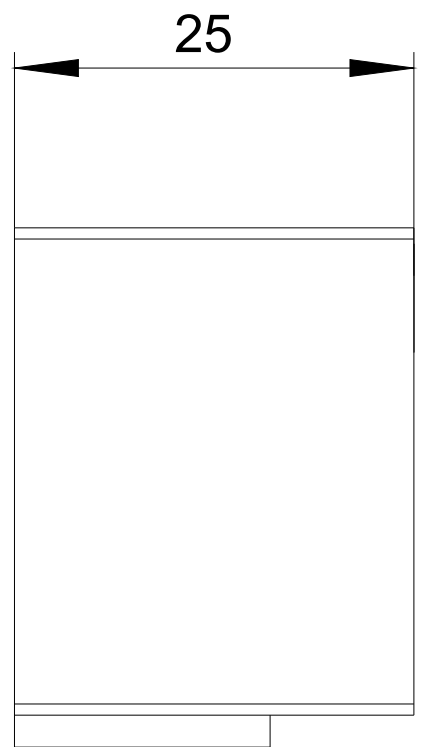
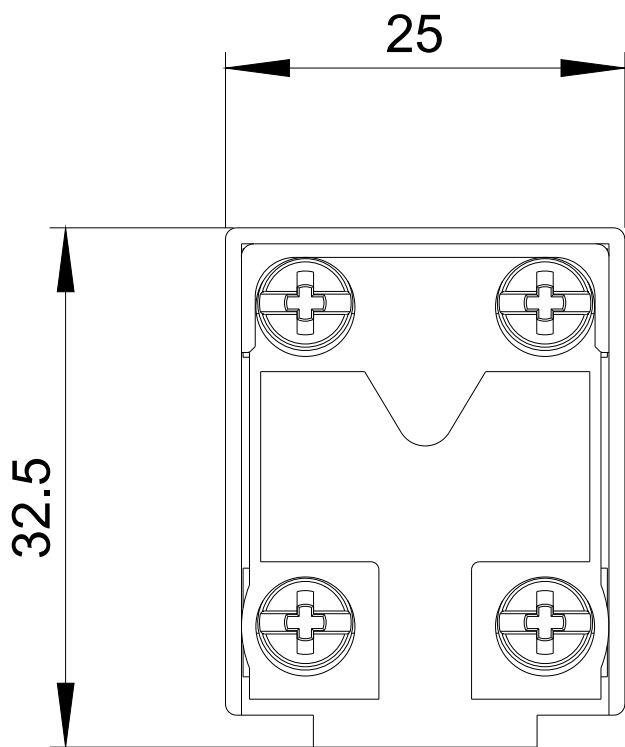
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SE5000-0NA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5000-0NA00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SE5000-0NA00&lang=en



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