

Contact block for position switch 3SE51/52 1 NO/1 NC quick action  
contact 2 x 2 mm contact clearance



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

General technical data	
<b>Product function</b>	
• positive opening	Yes
<b>Degree of pollution</b>	class 3
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	IP00
<b>Shock resistance</b>	
• acc. to IEC 60068-2-27	30 g / 11 ms
<b>Mechanical service life (switching cycles)</b>	
• typical	15 000 000
<b>Electrical endurance (switching cycles)</b>	
• at AC-15 at 230 V typical	100 000
<b>Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical</b>	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
Number of CO contacts for auxiliary contacts	1
<b>Operating current at AC-15</b>	
• at 24 V rated value	6 A
• at 125 V rated value	6 A
• at 240 V rated value	6 A
• at 400 V rated value	4 A
<b>Operating current at DC-13</b>	
• at 24 V rated value	3 A
• at 125 V rated value	0.55 A
• at 250 V rated value	0.27 A
• at 400 V rated value	0.12 A
Design of the interface for safety-related communication	without

### Enclosure

Coating of the enclosure	Other types
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### Drive Head

Design of the switching function	positive opening, 2x2 mm contact opening
Circuit principle	snap-action contacts
Number of switching contacts safety-related	1

### Connections/ Terminals

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
• solid	1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• finely stranded with core end processing	1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• 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

## Ambient conditions

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

[KC](#)



EG-Konf.

Declaration of  
Conformity

[Miscellaneous](#)

Test Certific-  
ates

[Type Test Certific-  
ates/Test Report](#)

other

[Confirmation](#)

## Further information

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

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5000-0GA00>

**Cax online generator**

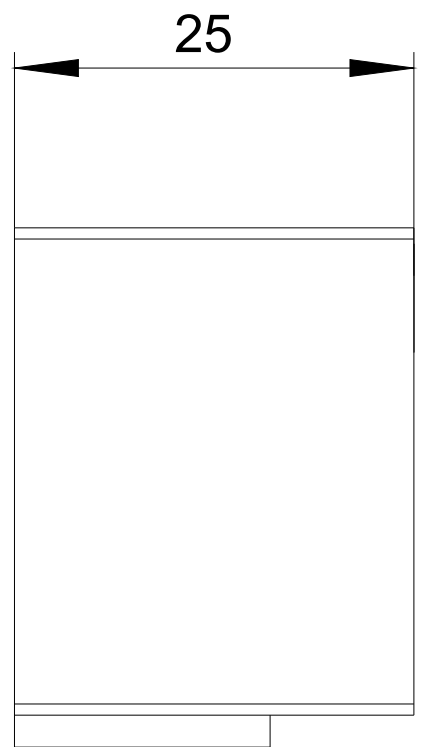
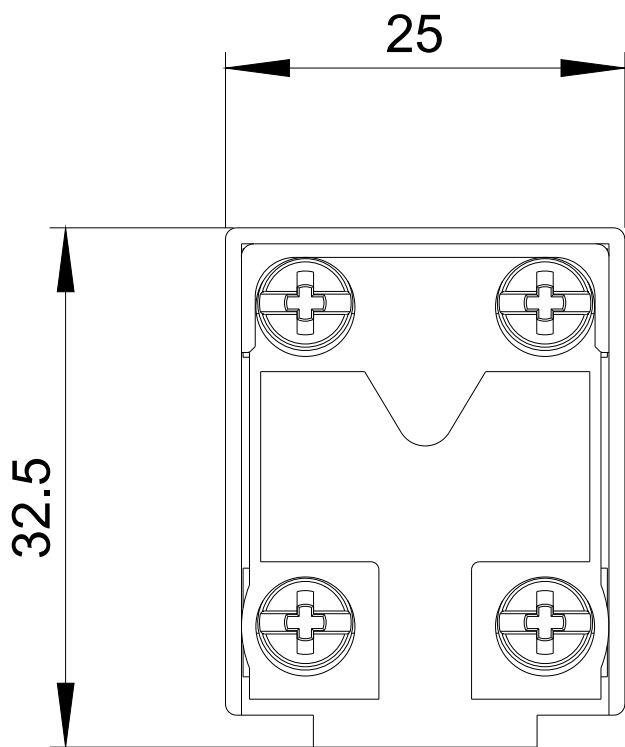
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5000-0GA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5000-0GA00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5000-0GA00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5000-0GA00&lang=en)



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