



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

product brand name	SIRIUS
product designation	contact
product type designation	3SE5
<b>General technical data</b>	
product function positive opening	Yes
insulation voltage rated value	400 V
degree of pollution	class 3
surge voltage resistance rated value	6 kV
shock resistance	
• according to IEC 60068-2-27	30g / 11 ms
vibration resistance	
• according to IEC 60068-2-6	0.35 mm/5g
mechanical service life (operating cycles) typical	15 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	10 A
reference code according to IEC 81346-2	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
Substance Prohibitance (Date)	07/01/2006
Weight	0.022 kg
width of the sensor	25 mm
<b>Ambient conditions</b>	
ambient temperature	
• during operation	-25 ... +85 °C
• during storage	-40 ... +90 °C
explosion protection category for dust	none
<b>Main circuit</b>	
operating frequency rated value	50 ... 60 Hz
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
operational current at AC-15	
• 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
operational current at DC-13	

- 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

#### Enclosure

coating of the enclosure Other types

#### Drive Head

design of the switching function positive opening

circuit principle snap-action contacts

number of switching contacts safety-related 1

#### Installation/ mounting/ dimensions

mounting position any

fastening method snap-on mounting

#### Connections/ Terminals

type of electrical connection screw terminal

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>)
- for AWG cables solid 1x (20 ... 16), 2x (20 ... 18)
- for AWG cables stranded 1x (20 ... 16), 2x (20 ... 18)

design of the interface for safety-related communication without

#### Communication/ Protocol

design of the interface without

#### Approvals Certificates

##### General Product Approval



[Confirmation](#)



EG-Konf.



UR

[KC](#)

General Product Approval

Test Certificates

other

Environment



[Type Test Certificates/Test Report](#)

[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5000-0CA00>

Cax online generator

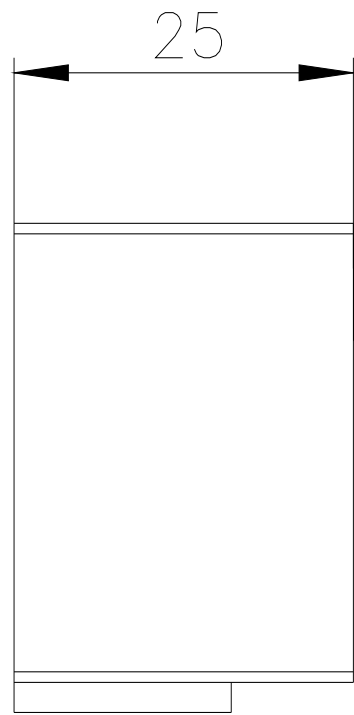
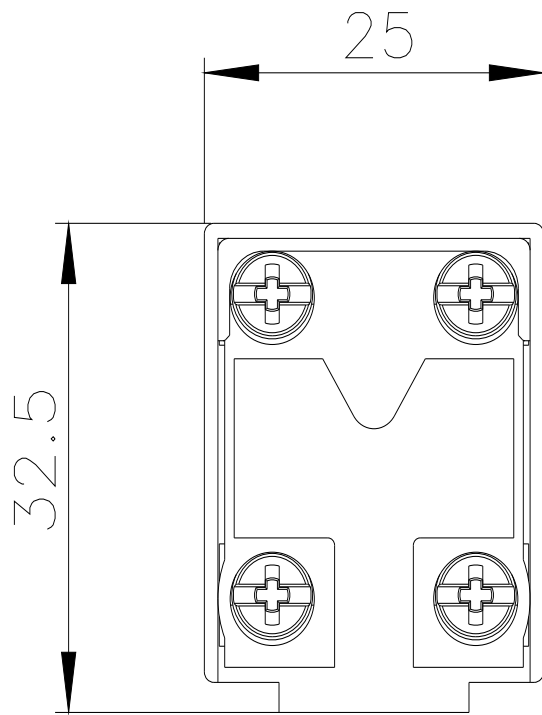
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5000-0CA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5000-0CA00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5000-0CA00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5000-0CA00&lang=en)



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