SIEMENS

Data sheet   **3SE5000-0PA00**

Contact block for position switch 3SE51/52 2 NO/1 NC slow-action contact

product brand name	SIRIUS
product designation	contact
product type designation	3SE5
General technical data	
product function positive opening	Yes
insulation voltage rated value	250 V
degree of pollution	class 3
surge voltage resistance rated value	4 kV
protection class IP	IP00
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
width of the sensor	25 mm
Ambient conditions	
ambient temperature	
● **during operation**	-25 ... +85 °C
● **during storage**	-40 ... +90 °C
explosion protection category for dust	none
operating frequency rated value	50 ... 60 Hz
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	2
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	slow-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-type terminals
type of connectable conductor cross-sections	
● 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)
● 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

Certificates/ approvals	

General Product Approval

[Confirmation] KC

Functional Safety/Safety of Machinery	Declaration of Conformity		Test Certificates	other
[Type Examination Certificate]	UKCA	CE EG-Konf.	[Type Test Certificates/Test Report]	[Confirmation]

Further information	

Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
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=3SE5000-0PA00
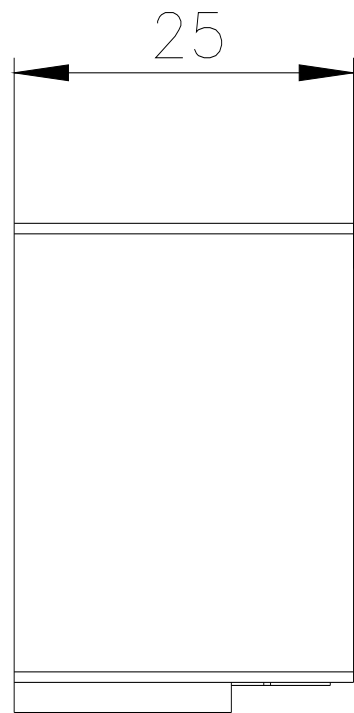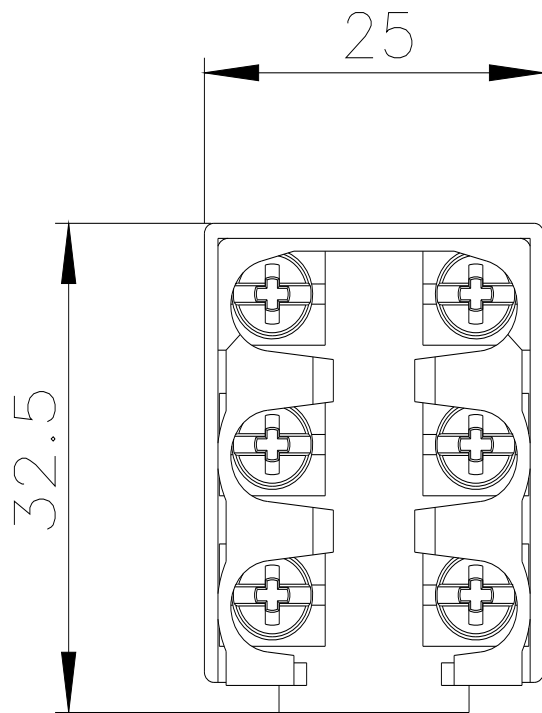**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5000-0PA00
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE5000-0PA00
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5000-0PA00&lang=en

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12/1/2023