SIEMENS

Data sheet   **3SE5000-0MA00**

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

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
electrical endurance (operating 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 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	2
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

2/10/2023

● 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	2

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)
● at AWG cables solid	1x (20 ... 16), 2x (20 ... 18)
● at 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

CSA	Confirmation	CCC	UR	KC	EAC

General Product Approval	Declaration of Conformity	Test Certificates	other
EAC	CE EG-Konf.	UKCA	Type Test Certificates/Test Report Confirmation

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=3SE5000-0MA00
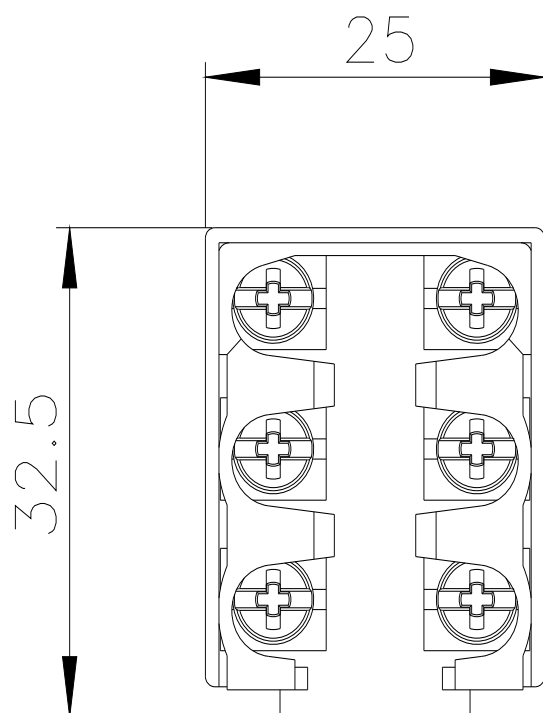
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5000-0MA00

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE5000-0MA00

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5000-0MA00&lang=en

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2/10/2023