SIEMENS

Data sheet 3SE5050-0CA00

Contact block IP20 for position switch 3SE5250 open type design 1 NO/1 NC quick 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	400 V
degree of pollution	class 3
surge voltage resistance rated value	6 kV
protection class IP	IP20, conductor connected and clamping screw screwed in
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 (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 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
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
design of the interface for safety-related communication	without
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
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)
Communication/ Protocol	
design of the interface	without
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
fastening method	snap-on mounting
Certificates/ approvals	
General Product Approval	

Confirmation

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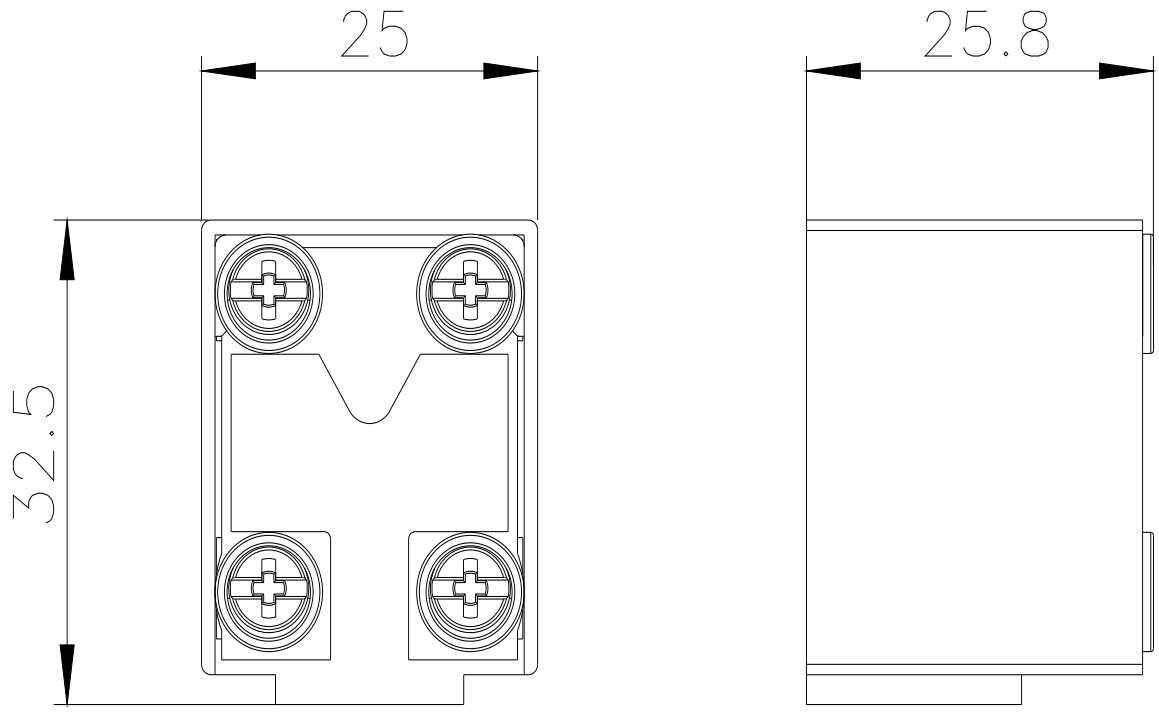
General Product Approval	Declaration of Conformity	other

Confirmation

Further information

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=3SE5050-0CA00
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5050-0CA00
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE5050-0CA00
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5050-0CA00&lang=en



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