

Contact block for position switch 3SE51/52 1 NO/2 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	IP00
Shock resistance	
• acc. to IEC 60068-2-27	30 g / 11 ms
Vibration resistance	
• acc. 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
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	2
Number of NO contacts for auxiliary contacts	1
Number of CO contacts for auxiliary contacts	1
Operating current at AC-15 • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 400 V rated value	6 A 6 A 6 A 4 A
Operating current at DC-13 • at 24 V rated value • at 125 V rated value • at 250 V rated value • at 400 V rated value	3 A 0.55 A 0.27 A 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
Circuit principle	snap-action contacts
Number of switching contacts safety-related	2

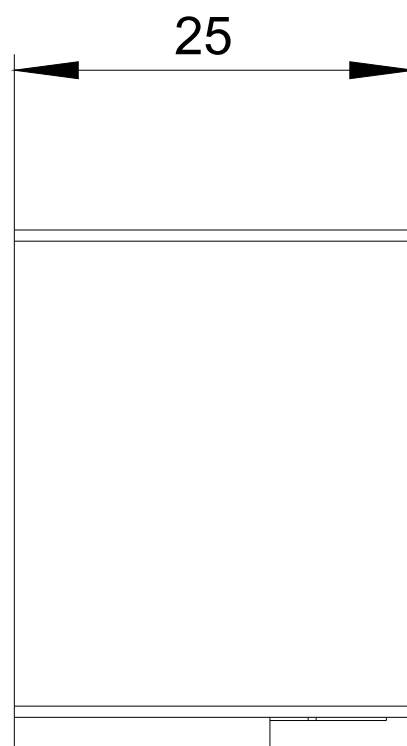
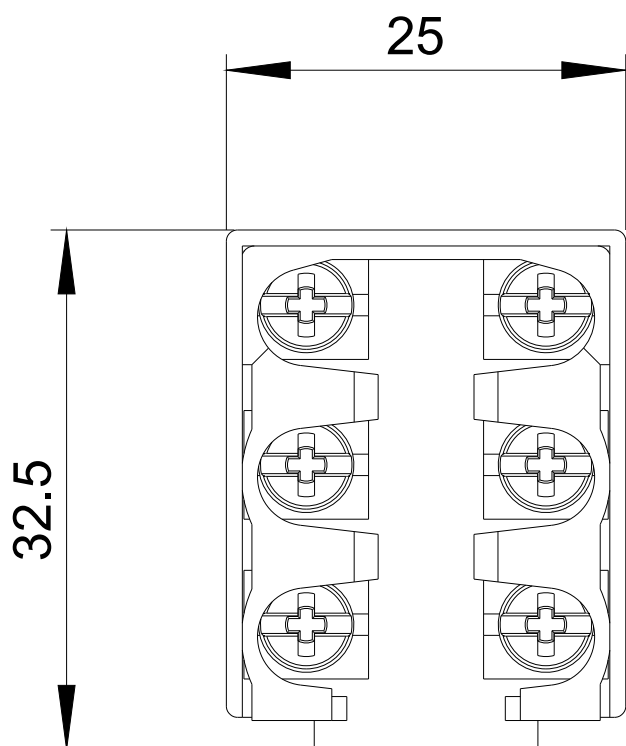
Connections/Terminals

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG conductors solid • at AWG conductors stranded	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²) 1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²) 1x (20 ... 16), 2x (20 ... 18) 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
Mounting type	snap-on mounting

Certificates/approvals		
General Product Approval	Test Certificates	other
 CCC	 EAC	Special Test Certificate Confirmation
 CSA	 UR	

Further information
Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5000-0LA00
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5000-0LA00
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5000-0LA00
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5000-0LA00&lang=en



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