## Data sheet 3SE5000-0CA00-1AC1



Contact block for position switch 3SE51/52 1 NO/1 NC quick action contact gold-plated contacts

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	product brand name	SIRIUS		
Product type designation   SSE5	•			
product function positive opening Yes  insulation voltage rated value 400 V  degree of pollution class IP  protection 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  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 10 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous current of the puick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous current of the puick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous current of the DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A  continuous c				
Product function positive opening   Yes     Insulation voltage rated value   400 V     degree of pollution   6 kV     protection class IP   IP00     shock resistance   e according to IEC 60068-2-27   30g / 11 ms     vibration resistance   e 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 thermal current   10 A     reference code according to IEC 81346-2   S     continuous current of the Characteristic MCB   1 A; for a short-circuit current smaller than 400 A     continuous current of the Quick DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the pulck DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the pulck DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the pulck DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the pulck DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the pulck DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the quick DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the quick DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the quick DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the quick DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the quick DIAZED fuse link   0 A; for a short-circuit current smaller than 400 A     continuous current of the quick DIAZED fuse link   0 A; for a sh				
Insulation voltage rated value		Yes		
degree of pollution class 3 surge voltage resistance rated value 6 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 2000 thermal current 10 IP0 A reference code according to IEC 81346-2 S continuous current of the C characteristic MCB 1A; for a short-circuit current smaller than 400 A continuous current of the puick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link 20 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link 30 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link 40 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link 60 A active principle mechanical expeat accuracy 0.1 mm Substance Prohibitance (Date) 07/01/2006 width of the sensor 25 mm Ambient conditions ambient temperature  • during operation 25 mm • during operation 25 mm • during operation 30 more  • during storage 40 more  explosion protection category for dust 50 more  operating frequency rated value 50 more  poperating frequency rated value 50 more  • at 24 V rated value 6 A • at 125 V rated value 6 A • at 125 V rated value 6 A • at 125 V rated value 6 A • at 126 V rated value 6 A	· · · · · · · · · · · · · · · · · · ·			
surge voltage resistance rated value 6 kV protection class IP 1P00 shock resistance				
protection class IP IP00 shock resistance				
shock resistance a according to IEC 60068-2-27  vibration resistance a according to IEC 60068-2-6  mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current  10 A  reference code according to IEC 81346-2 Scontinuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link continuous current of the DIAZED fuse link gG 6 A active principle mechanical repeat accuracy 0.1 mm Substance Prohibitance (Date) width of the sensor 25 mm Ambient conditions  ambient temperature during operation during storage 40 +90 °C explosion protection category for dust none operating frequency rated value operating frequency rated value 1 Coperation (Contacts for auxiliary contacts 1 1 coperational current at AC-15 at 24 V rated value at 240 V rated value 4 A at 400 V rated value 4 A operational current at DC-13				
e according to IEC 60068-2-27  vibration resistance e according to IEC 60068-2-6  e according to IEC 60068-2-6  mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical  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  6 A  active principle  repeat accuracy  2 Un mm  Substance Prohibitance (Date)  width of the sensor  Ambient conditions  ambient temperature  during operation  during operation  during storage  explosion protection category for dust  operating frequency rated value  operating frequency rated value  10 A  poperational current at AC-15  at 24 V rated value  at 25 V rated value  at 240 V rated value				
vibration resistance		30a / 11 ms		
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reference code according to IEC 81346-2  continuous current of the C characteristic MCB  continuous current of the quick DIAZED fuse link  continuous current of the pulck DIAZED fuse link  continuous current of the DIAZED fuse link gG  active principle  repeat accuracy  0.1 mm  Substance Prohibitance (Date)  width of the sensor  Ambient conditions  ambient temperature  during operation  during storage  explosion protection category for dust  coperating frequency rated value  number of NC contacts for auxiliary contacts  at 24 V rated value  at 25 V rated value  at 24 V rated value  at 25 V rated value  at 25 V rated value  at 25 V rated value  at 26 V rated value  at 27 V rated value  at 26 V rated value  at 26 V rated value  at 27 V rated value  at 27 V rated value  at 28 V rated value  at 29 V rated value  at 29 V rated value  at 29 V rated value  at 20 V rated value  at 20 V rated value  at 20 V	electrical endurance (operating cycles) at AC-15 at 230 V			
continuous current of the C characteristic MCB  continuous current of the quick DIAZED fuse link  continuous current of the QIAZED fuse link  continuous current of the DIAZED fuse link gG  active principle  repeat accuracy  0.1 mm  Substance Prohibitance (Date)  width of the sensor  Ambient conditions  ambient temperature  during operation  during storage  explosion protection category for dust  none  operating frequency rated value  number of NC contacts for auxiliary contacts  at 24 V rated value  at 25 M A  A  operational current at DC-13	thermal current	10 A		
continuous current of the quick DIAZED fuse link gG 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6 A 6	reference code according to IEC 81346-2	S		
continuous current of the DIAZED fuse link gG 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 1 operational current at AC-15 • at 24 V rated value 6 A 6 A 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 6 A 6 A 6 6 A 6 6 A 6 6 A 6 A 6 6 A 6 A 6 6 A 6 A 6 6 A 6 A 6 6 A 6 A 6 6 A 6	continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A		
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repeat accuracy  Substance Prohibitance (Date)  width of the sensor  Ambient conditions  ambient temperature  • during operation • during storage  explosion protection category for dust  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  • at 24 V rated value • at 25 V rated value • at 240 V rated value • at 400 V rated value • at 400 V rated value  operational current at DC-13	continuous current of the DIAZED fuse link gG	6 A		
Substance Prohibitance (Date)  width of the sensor  Ambient conditions  ambient temperature  • during operation • during storage • during storage  explosion protection category for dust  none  operating frequency rated value  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1  operational current at AC-15  • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 400 V rated value	active principle	mechanical		
width of the sensor  Ambient conditions  ambient temperature  • during operation • during storage • during storage • during storage • during frequency rated value  operating frequency rated value  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1  operational current at AC-15 • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 400 V rated value	repeat accuracy	0.1 mm		
Ambient conditions  ambient temperature  • during operation • during storage  • during storage  • during storage  • during storage  • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 400 V rated value • at 400 V rated value  operational current at DC-13	Substance Prohibitance (Date)	07/01/2006		
ambient temperature  • during operation  • during storage  • during storage  explosion protection category for dust  operating frequency rated value  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1  operational current at AC-15  • at 24 V rated value  • at 125 V rated value  • at 240 V rated value  • at 240 V rated value  • at 400 V rated value	width of the sensor	25 mm		
<ul> <li>during operation</li> <li>during storage</li> <li>40 +90 °C</li> <li>explosion protection category for dust</li> <li>operating frequency rated value</li> <li>50 60 Hz</li> <li>number of NC contacts for auxiliary contacts</li> <li>number of NO contacts for auxiliary contacts</li> <li>operational current at AC-15</li> <li>at 24 V rated value</li> <li>at 125 V rated value</li> <li>at 240 V rated value</li> <li>at 240 V rated value</li> <li>at 400 V rated value</li> </ul>	Ambient conditions			
<ul> <li>◆ during storage</li> <li>-40 +90 °C</li> <li>explosion protection category for dust</li> <li>none</li> <li>operating frequency rated value</li> <li>50 60 Hz</li> <li>number of NC contacts for auxiliary contacts</li> <li>1</li> <li>number of NO contacts for auxiliary contacts</li> <li>0 operational current at AC-15</li> <li>• at 24 V rated value</li> <li>• at 125 V rated value</li> <li>• at 240 V rated value</li> <li>• at 240 V rated value</li> <li>• at 400 V rated value</li> <li>• at 400 V rated value</li> <li>operational current at DC-13</li> </ul>	ambient temperature			
explosion protection category for dust  operating frequency rated value  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1  operational current at AC-15  • at 24 V rated value  • at 125 V rated value  • at 240 V rated value  • at 400 V rated value  operational current at DC-13	<ul> <li>during operation</li> </ul>	-25 +85 °C		
operating frequency rated value  number of NC contacts for auxiliary contacts  number of NO contacts for auxiliary contacts  1  operational current at AC-15  • at 24 V rated value • at 125 V rated value • at 240 V rated value • at 400 V rated value  • at 400 V rated value  operational current at DC-13	during storage	-40 +90 °C		
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  • at 125 V rated value  • at 240 V rated value  • at 240 V rated value  • at 400 V rated value	explosion protection category for dust	none		
number of NO contacts for auxiliary contacts  operational current at AC-15  • at 24 V rated value  • at 125 V rated value  • at 240 V rated value  • at 240 V rated value  • at 400 V rated value  • at 400 V rated value  operational current at DC-13	operating frequency rated value	50 60 Hz		
operational current at AC-15	number of NC contacts for auxiliary contacts	1		
<ul> <li>at 24 V rated value</li> <li>at 125 V rated value</li> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> </ul>	number of NO contacts for auxiliary contacts	1		
<ul> <li>at 125 V rated value</li> <li>at 240 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>4 A</li> </ul> Operational current at DC-13	operational current at AC-15			
• at 240 V rated value 6 A • at 400 V rated value 4 A  operational current at DC-13	• at 24 V rated value	6 A		
• at 400 V rated value 4 A  operational current at DC-13	● at 125 V rated value	6 A		
operational current at DC-13	• at 240 V rated value	6 A		
	at 400 V rated value	4 A		
at 24 V rated value	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-type terminals		
type of connectable conductor cross-sections			
• solid	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)		
<ul> <li>finely stranded with core end processing</li> </ul>	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)		
<ul> <li>for AWG cables solid</li> </ul>	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





<u>KC</u>



Functional Safety/Safety of Ma- chinery Declaration of Conformity	Test Certificates	other
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Type Examination Certificate





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=3SE5000-0CA00-1AC1

Cax online generator

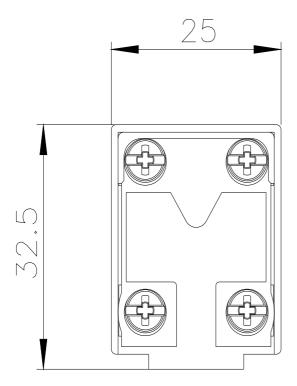
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SE5000-0CA00-1AC1}$ 

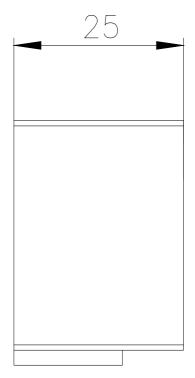
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5000-0CA00-1AC1

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SE5000-0CA00-1AC1&lang=en





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