SIEMENS

Data sheet

3SE5242-0PC05-1CA0



Position switch with increased corrosion protection Plastic enclosure wide, according to EN 50047, 50 mm Device connection 2 x (M20 x 1.5) 2 NO/1 NC slow-action contacts Teflon plunger

product brand name SIRUIS product designation SEE5 manufacturer's article number SEE5000.0P.000 • of the supplied switching contacts SSE5000.0P.000 • of the supplied entyle nonlosure with cover SSE5242.0AC05.1CA0 suitability for use safety switch Yes product function positive opening Yes product function positive opening Yes general technical data 250 V general technical data 250 V general technical data 250 V surge voltage resistance rated value 4kV protectin class IP Sole(IP67 shock resistance		
product type designation 3SE5 manufacturer's article number SE5000-0PA00 • of the supplied switch cover 3SE5242-0AC05-1CA0 suitability for use safety switch Yes product function positive opening Yes product function positive opening Yes insulation voltage rated value 250 V degree of pollution class 3 surge voltage resistance rated value 4 kV protect function positive opening Yes eaccording 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) typical 10 000 typical 10 A material of the enclosure of the switch head plastic reference code according to IEC 61346-2 B 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 0 A, for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link 0	product brand name	SIRIUS
manufacturer's article number SSE5000-0PA00 • of the supplied switching contacts SSE5000-0PA00 • of the supplied empty enclosure with cover SSE5242-0AC05-1CA0 suitability for use safety switch Yes product function positive opening Yes insulation voltage rated value 250 V degree of pollution class 3 surge voltage rated value 4kV product function positive opening IPS6/IPS7 shock resistance rated value 4kV • according to IEC 60068-2-27 30g/11 ms • brock resistance - • according to IEC 60068-2-27 30g/11 ms • brock resistance - • according to IEC 60068-2-27 30g/11 ms • brock resistance - • according to IEC 60068-2-27 30g/11 ms • brock resistance - • according to IEC 60068-2-27 30g/11 ms • brock resistance - • according to IEC 60068-2-27 B continuous current of the switch head plastic reference code according to IEC 81346-2 B	product designation	Mechanical position switches
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suitability for use safety switch Yes General tochnical dat	 of the supplied switching contacts 	<u>3SE5000-0PA00</u>
General technical data Yes Insulation voitage rated value 250 V degree of pollution class 3 surge voitage resistance rated value 4 kV protection class IP IP66/IP67 shock resistance 4 kV • according to IEC 60068-2-27 30g / 11 ms • baccording to IEC 60068-2-27 30g / 11 ms • according to IEC 60068-2-36 0.35 mm/5g • according to IEC 60068-2-6 0.35 mm/5g • according to IEC 60068-2-8 Do 000 thermal current 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 1 A; for a short-circuit current smaller than 400 A	 of the supplied empty enclosure with cover 	<u>3SE5242-0AC05-1CA0</u>
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degree of pollution class 3 surge voltage resistance rated value 4 kV protection class IP IP66/IP67 shock resistance IP66/IP67 • 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 100 000 typical 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 B 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 IG 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 SVHC substance name Imidazolidin-2-thion -96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor 60.7 mm width of the sensor 60.7 mm ubring operation -25	product function positive opening	Yes
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Substance Prohibitance (Date) 07/01/2006 SVHC substance name Imidazolidin-2-thion - 96-45-7 minimum actuating force in directions of actuation 20 N length of the sensor 60.7 mm width of the sensor 50 mm Ambient conditions 50 mm e during operation -25 +85 °C e during storage -40 +90 °C explosion protection category for dust none moleanical mechanical	active principle	mechanical
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Ambient conditions ambient temperature • during operation • during storage -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none design of the switching contact	length of the sensor	60.7 mm
ambient temperature • during operation • during storage • during storage -40 +90 °C explosion protection category for dust design of the switching contact	width of the sensor	50 mm
• during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical	Ambient conditions	
• during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical	ambient temperature	
explosion protection category for dust none design of the switching contact mechanical	during operation	-25 +85 °C
design of the switching contact mechanical	during storage	-40 +90 °C
	explosion protection category for dust	none
operating frequency rated value 50 60 Hz	design of the switching contact	mechanical
	operating frequency rated value	50 60 Hz

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	Functional Safety/Safety of Ma- chinery
	<u>Type Examination Cer-</u> tificate
EAC	
ERC	
	other

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=3SE5242-0PC05-1CA0

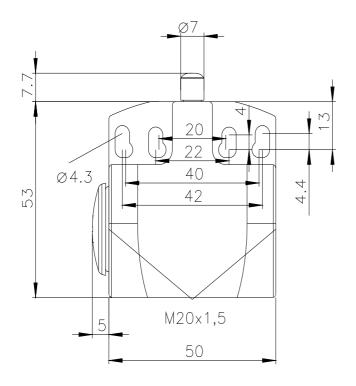
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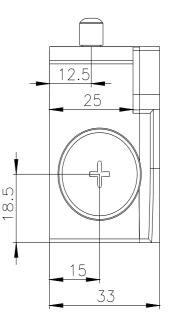
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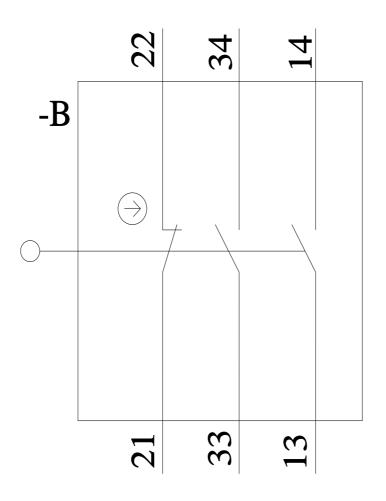
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5242-0PC05 -1CA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5242-0PC05-1CA0&lang=en







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