SIEMENS

Data sheet

3SE5250-0KC05



Position switch Plastic enclosure open type 30 mm 1 NO/2 NC slow-action contacts Metal plunger, IP10 $\,$

product function positive openingYesinsulation voltage rated value400 Vdegree of pollutionclass 3surge voltage resistance rated value6 kVprotection class IPIP10shock resistance• according to IEC 60068-2-2730g / 11 msvibration resistance• according to IEC 60068-2-60.35 mm/5gmechanical service life (operating cycles) typical15 000 000• note1000000 at 30° angle of approachelectrical endurance (operating cycles) at AC-15 at 230 V100 000thermal current10 Amaterial of the enclosure of the switch headplasticreference code according to IEC 81346-2Bcontinuous current of the C characteristic MCB1 A; for a short-circuit current smaller than 400 Acontinuous current of the QLAZED fuse link10 A; for a short-circuit current smaller than 400 Acontinuous current of the DIAZED fuse link gG6 Aactive principlemechanicalrepeat accuracy0.05 mmSubstance Prohibitance (Date)07/01/2006minimum actuating force in directions of actuation20 Nlength of the sensor59.2 mmwidth of the sensor30 mm		
product type designation 3SE5 manufacturer's article number SSE5000-0KA00 suitability for use safety switch Yes General technical data Yes product function positive opening Yes insulation voltage rated value 400 V degree of pollution class 3 surge voltage resistance resistance related value 6 kV according to IEC 60068-2-27 30g / 11 ms vibration resistance - - according to IEC 60068-2-67 30g / 11 ms vibration resistance - - according to IEC 60068-2-77 30g / 11 ms vibration resistance - - according to IEC 60068-2-77 30g / 11 ms vibration resistance - - according to IEC 60068-2-77 30g / 11 ms vibration resistance - - according to IEC 60068-2-77 30g / 11 ms vibration class according to cycles) typical 15 000 000 - onte 100000 electrical endurance (operating cycles) typical 10 A topical 11 no x top	product brand name	SIRIUS
manufacturer's article number SEE2002.0KA00 of the supplied switching contacts SSEE2002.0KA00 subability for use safety switch Yes Ceneral technical data Product function positive opening 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 IP10 shock resistance - - according to IEC 60066-2-27 30g /11 ms vibration resistance - - according to IEC 60068-2-6 0.35 mm/5g mechanical service life (operating cycles) typical 15 000 000 - note 1000000 at 30° angle of approach 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 Quick DAZED fuse link 10 A /1 for a short-circuit current smaller than 400 A continuous current of the Quick DAZED fuse link gG 6 A active principle mechanical	product designation	Open-type position switches
• of the supplied switching contacts SSE5000-0KA00 suitability for use safely switch Yes Concar Lechnical data Product function positive opening Yes insulation voltage rated value 400 V 400 V degree of pollution class 3 3 surge voltage resistance rated value 6 kV 1P10 shock resistance 30g / 11 ms 1P10 • according to IEC 60068-2-27 30g / 11 ms 1P10 • according to IEC 60068-2-27 30g / 11 ms 1P10 • according to IEC 60068-2-27 30g / 11 ms 1P10 • according to IEC 60068-2-27 30g / 11 ms 1P10 • according to IEC 60068-2-27 100 000 1P10 • toriure the characteristic MCB 1 A; for a short-circuit current smaller than 400 A </th <th>product type designation</th> <th>3SE5</th>	product type designation	3SE5
suitability for use safety switch Yes General technical data	manufacturer's article number	
General technical data Yes 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 IP10 shock resistance 6 kV 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 IIfe (operating cycles) typical 15 000 000 e note 1000000 at 30° angle of approach 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 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 0.05 mm Substan	 of the supplied switching contacts 	<u>3SE5000-0KA00</u>
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 IP10 shock resistance - • according to IEC 60068-2-7 30g / 11 ms vibration resistance - • according to IEC 60068-2-6 0.35 mm/5g mechanical service life (operating cycles) typical 15 000 000 • note 1000000 at 30° angle of approach etectrical 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 QLAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the pUAZED fuse link gG 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating force in directions of actuation 20 N length of the sensor 30 mm <th>suitability for use safety switch</th> <th>Yes</th>	suitability for use safety switch	Yes
insulation voltage rated value 400 V degree of pollution class 3 surge voltage resistance rated value 6 kV protection class IP IP10 shock resistance 6 kV • 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 • note 1000000 at 30° angle of approach olectrical endurance (operating cycles) at AC-15 at 230 V 100 000 typical 100 000 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 continuous current of the quick DIAZED fuse link 10 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 quick DIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the locasit degree	General technical data	
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continuous current of the DIAZED fuse link gG6 Aactive principlemechanicalrepeat accuracy0.05 mmSubstance Prohibitance (Date)07/01/2006minimum actuating force in directions of actuation20 Nlength of the sensor59.2 mmwidth of the sensor30 mmAmbient conditions	continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
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Substance Prohibitance (Date) 07/01/2006 minimum actuating force in directions of actuation 20 N length of the sensor 59.2 mm width of the sensor 30 mm Ambient conditions 30 mm ambient temperature -25 +85 °C • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical operating frequency rated value 50 60 Hz	active principle	mechanical
minimum actuating force in directions of actuation20 Nlength of the sensor59.2 mmwidth of the sensor30 mmAmbient conditions	repeat accuracy	0.05 mm
length of the sensor 59.2 mm width of the sensor 30 mm Ambient conditions 30 mm ambient temperature -25 +85 °C • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical operating frequency rated value 50 60 Hz	Substance Prohibitance (Date)	07/01/2006
width of the sensor 30 mm Ambient conditions	minimum actuating force in directions of actuation	20 N
Ambient conditions ambient temperature • during operation • during storage • during storage • during storage • adbient temperature • during storage • during storage • adbient temperature • during storage • adbient temperature	length of the sensor	59.2 mm
ambient temperature -25 +85 °C • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical operating frequency rated value 50 60 Hz	width of the sensor	30 mm
• during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical operating frequency rated value 50 60 Hz	Ambient conditions	
• during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical operating frequency rated value 50 60 Hz	ambient temperature	
explosion protection category for dust none design of the switching contact mechanical operating frequency rated value 50 60 Hz	 during operation 	-25 +85 °C
design of the switching contact mechanical operating frequency rated value 50 60 Hz	during storage	-40 +90 °C
operating frequency rated value 50 60 Hz	explosion protection category for dust	none
	design of the switching contact	mechanical
number of NC contacts for auxiliary contacts 2	operating frequency rated value	50 60 Hz
	number of NC contacts for auxiliary contacts	2

number of NO contacts for auxiliary co	ontacts	1				
operational current at AC-15						
 at 24 V rated value 		6 A				
• at 120 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				
Enclosure						
material of the enclosure		plastic, open-type				
coating of the enclosure		Other types				
design of the housing according to sta	andard	No				
Drive Head						
design of the actuating element		Rounded plunger, metal plunge	er.			
standard-compliant actuator head		EN 50047, design B				
shape of the switch head		rounded				
design of the switching function		positive opening				
number of switching contacts safety-relation	cuit principle		slow-action contacts			
nstallation/ mounting/ dimensions	lea	2				
		any				
fastening method		screw fixing				
Connections/ Terminals				_		
type of electrical connection		screw-type terminals				
type of connectable conductor cross-	sections					
solid		1x (0.5 1.5 mm ²), 2x (0.5 0.75 mm ²)				
finely stranded with core end processing		1x (0.5 1.5 mm ²), 2x (0.5 0.75 mm ²)				
for AWG cables solid		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				
	; CE		((ΨL)		
CSA	EG-Konf.		ccc	UL		
General Product Approval	Test Certificates	other				
	root Sertificates	0000				
EAI	<u>Type Test Certi</u> ates/Test Repo	ic- <u>Confirmation</u> rt				

 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)

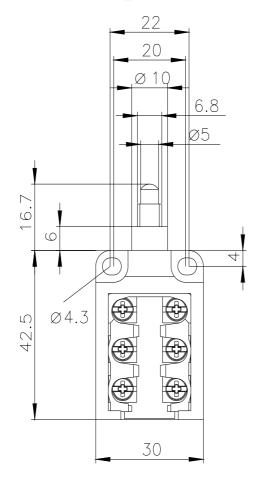
 https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5250-0KC05

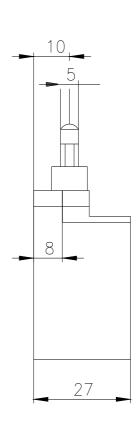
 Cax online generator

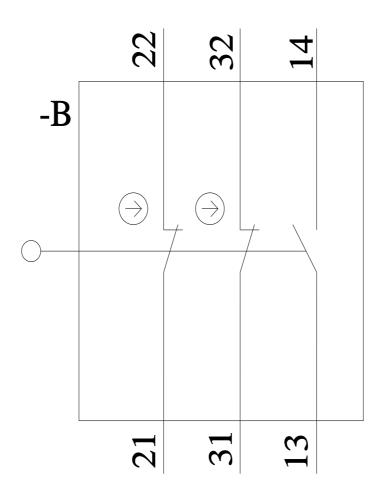
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5250-0KC05

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5250-0KC05

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5250-0KC05&lang=en







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