SIEMENS

Data sheet 3SE5132-0CB01



Position switch Plastic enclosure 40 mm according to EN 50041 Device connection 1x (M20 x 1.5) 1 NO/1 NC snap-action contacts with Plain plunger with stainless steel plunger

product type designation	product brand name	SIRIUS
product type designation 3SE5 manufacturer's article number of the supplied setics switch of the supplied setics witch of the supplied seticular head for position switches of the supplied setuator head for position switches of the supplied actuator head for position switches of the supplied switching contacts of the supplied switching contact set for the supplied switching contact of the supplied switching contact set for the supplied switching contact of the supplied switching contact set for the supplied switching contact of the supplied supplied supplied to the supplied supplied to the supplied supp	· .	Mechanical position switches
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of the supplied empty enclosure with cover of the supplied empty enclosure with cover subtability for use safety switch Product function positive opening Product function pos	of the supplied actuator head for position switches	
Suitability for use safety switch General technical data product function positive opening Insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value Protection class IP FEGRIPE FOR SHORE	of the supplied switching contacts	3SE5000-0CA00
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 IPEG/IPEG 7 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 electrical endurance (operating cycles) at AC-15 at 230 V typical 21 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 DIAZED fuse link QG 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 40 mm width of the sensor 40 mm Ambient conditions ambient temperature 4uring storage 40+90 °C explosion protection category for dust 50+90 °C explosion of the switching contact 50+85 °C eduring storage 40+90 °C explosion protection category for dust 60+90 °C explosion of the switching contact 50+85 °C eduring storage 60+90 °C explosion of the switching contact 50+85 °C eduring storage 60+90 °C	of the supplied empty enclosure with cover	3SE5132-0AA00
insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value 6 kV protection class IP IP66/IP67 shock resistance • according to IEC 60068-2-27 vibration resistance coording to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical thermal current 10 A material of the enclosure of the switch head reference code according to IEC 81346-2 continuous current of the Characteristic MCB continuous current of the QIAZED fuse link continuous current of the QIAZED fuse link gG active principle repeat accuracy Substance Prohibitance (Date) minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm ambient conditions ambient temperature • during operation • during operation • during storage explosion free witching contact ### Cone ###	suitability for use safety switch	Yes
insulation voltage rated value degree of pollution class 3 surge voltage resistance rated value protection class IP protection class IP shock resistance according to IEC 60068-2-27 30g / 11 ms vibration resistance 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 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 G 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating force in directions of actuation length of the sensor 40 mm Ambient conditions ambient temperature during storage 40 uning storage 40 uning storage explosion protection category for dust none design of the switching contact	General technical data	
degree of pollution class 3 surge voltage resistance rated value by protection class IP shock resistance according to IEC 60068-2-27 vibration resistance 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 material of the enclosure of the switch head plastic reference code according to IEC 81346-2 continuous current of the C characteristic MCB Acontinuous 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 yG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating force in directions of actuation length of the sensor 40 mm Ambient conditions ambient temperature 4 during operation 4 during operation 4 during operation 4 during operation category for dust none design of the switching contact	product function positive opening	Yes
surge voltage resistance rated value protection class IP shock resistance • according to IEC 60068-2-27 vibration resistance 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 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 10 A; for a short-circuit current smaller than 400 A continuous current of the DIAZED fuse link G active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 7//01/2006 minimum actuating force in directions of actuation 20 N length of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage 40 +90 °C explosion protection category for dust none design of the switching contact	insulation voltage rated value	400 V
protection class IP shock resistance * according to IEC 60068-2-27 vibration resistance 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 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 0 0.5 mm scutive principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 0.701/2006 minimum actuating force in directions of actuation 20 N length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature during operation during storage 40 +90 °C explosion protection category for dust none design of the switching contact mechanical	degree of pollution	class 3
shock resistance	surge voltage resistance rated value	6 kV
according to IEC 60068-2-27 vibration resistance 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 material of the enclosure of the switch head plastic 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 DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature e during operation e during storage explosion protection category for dust design of the switching contact mechanical repeat accuracy 9.5 +85 °C 40 +90 °C explosion protection category for dust mechanical mechanical mechanical	protection class IP	IP66/IP67
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electrical endurance (operating cycles) at AC-15 at 230 V typical thermal current 10 A material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle repeat accuracy Substance Prohibitance (Date) minimum actuating force in directions of actuation length of the sensor width of the sensor width of the sensor ### Ambient conditions ### Ambient conditions ### Ambient temperature ### during operation ### during storage ### explosion protection category for dust ### does in the sensor ### accuracy ###	vibration resistance according to IEC 60068-2-6	0.35 mm/5g
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 DIAZED fuse link 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 93.5 mm width of the sensor 40 mm Ambient conditions ambient temperature • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust mechanical mechanical	mechanical service life (operating cycles) typical	15 000 000
material of the enclosure of the switch head reference code according to IEC 81346-2 B continuous current of the C characteristic MCB 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 Substance Prohibitance (Date) minimum actuating force in directions of actuation length of the sensor width of the sensor width of the sensor 40 mm Ambient conditions ambient temperature e during operation e during storage explosion protection category for dust design of the switching contact plastic 1 A; for a short-circuit current smaller than 400 A 6 A active principle mechanical 10 A; for a short-circuit current smaller than 400 A 6 A active principle mechanical 10 A; for a short-circuit current smaller than 400 A 6 A active principle mechanical 10 A; for a short-circuit current smaller than 400 A 6 A active principle mechanical 10 A; for a short-circuit current smaller than 400 A 6 A active principle mechanical 10 A; for a short-circuit current smaller than 400 A 6 A active principle mechanical 10 A; for a short-circuit current smaller than 400 A 6 A active principle mechanical 10 A; for a short-circuit current smaller than 400 A 6 A active principle mechanical 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A; for a short-circuit current smaller than 400 A 10 A;		100 000
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continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) minimum actuating force in directions of actuation length of the sensor width of the sensor width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage e during storage explosion protection category for dust design of the switching contact 10 A; for a short-circuit current smaller than 400 A 6 A a short-circuit current smaller than 400 A 6 A 6 A 8 A 9 C 9 S D	reference code according to IEC 81346-2	В
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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 93.5 mm width of the sensor 40 mm Ambient conditions ambient temperature • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical	continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
repeat accuracy Substance Prohibitance (Date) minimum actuating force in directions of actuation length of the sensor 93.5 mm width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage -40 +90 °C explosion protection category for dust design of the switching contact 0.05 mm 0.7/01/2006 20 N 40 mm 40 mm	continuous current of the DIAZED fuse link gG	6 A
Substance Prohibitance (Date) minimum actuating force in directions of actuation length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature during operation during storage explosion protection category for dust design of the switching contact 07/01/2006 20 N 40 mm 40 mm 40 mm	active principle	mechanical
minimum actuating force in directions of actuation length of the sensor 93.5 mm width of the sensor 40 mm Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust design of the switching contact 20 N 93.5 mm -25 +85 °C -25 +85 °C -40 +90 °C explosion protection category for dust mechanical	repeat accuracy	0.05 mm
length of the sensor width of the sensor 40 mm Ambient conditions ambient temperature during operation during storage eduring storage explosion protection category for dust design of the switching contact 93.5 mm 40 mm -25 +85 °C -40 +90 °C explosion protection category for dust mechanical	Substance Prohibitance (Date)	07/01/2006
width of the sensor Ambient conditions ambient temperature • during operation • during storage • during storage explosion protection category for dust design of the switching contact aunument of the switching contact 40 mm -25 +85 °C -40 +90 °C explosion protection category for dust mechanical	minimum actuating force in directions of actuation	20 N
Ambient conditions ambient temperature • during operation • during storage • during storage -40 +90 °C explosion protection category for dust design of the switching contact mechanical	length of the sensor	93.5 mm
ambient temperature • during operation • during storage • during storage • during storage • capplosion protection category for dust design of the switching contact • during storage • capplosion protection category for dust none	width of the sensor	40 mm
 during operation during storage +40 +90 °C explosion protection category for dust 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

General Product Approval		Functional Safety/Safety of M
Certificates/ approvals		
design of the interface	without	
Communication/ Protocol		
design of the interface for safety-related communication	without	
 for AWG cables stranded 	1x (20 16), 2x (20 18)	
• for AWG cables solid	1x (20 16), 2x (20 18)	
 finely stranded with core end processing 	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)	
• solid	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)	
type of connectable conductor cross-sections		
type of electrical connection	screw-type terminals	
Connections/ Terminals		
fastening method	screw fixing	
mounting position	any	
nstallation/ mounting/ dimensions		
cable entry type	1x (M20 x 1.5)	
number of switching contacts safety-related	1	
circuit principle	snap-action contacts	
design of the switching function	positive opening	
shape of the switch head	rounded	
standard-compliant actuator head	EN 50041, design B	
design of the actuating element	Rounded plunger, high-grade steel plunger	
Drive Head		
design of the housing according to standard	Yes	
coating of the enclosure	Other types	
material of the enclosure	plastic	
design of the housing	block, narrow	
Enclosure		
at 400 V rated value	0.12 A	
at 250 V rated value	0.27 A	
at 125 V rated value	0.55 A	
at 24 V rated value	3 A	
operational current at DC-13		
at 400 V rated value	4 A	
at 240 V rated value	6 A	
at 125 V rated value	6 A	
at 24 V rated value	6 A	
operational current at AC-15		
number of NO contacts for auxiliary contacts	1	

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Confirmation







Type Examination Cer**tificate**

Declaration of Conformity

other





Confirmation

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

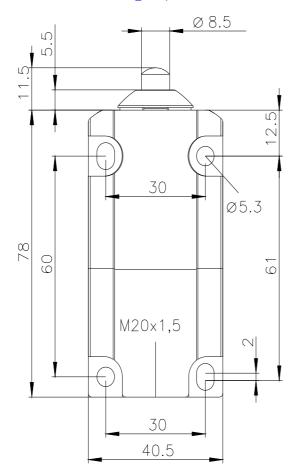
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5132-0CB01

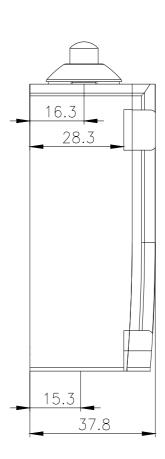
Cax online generator

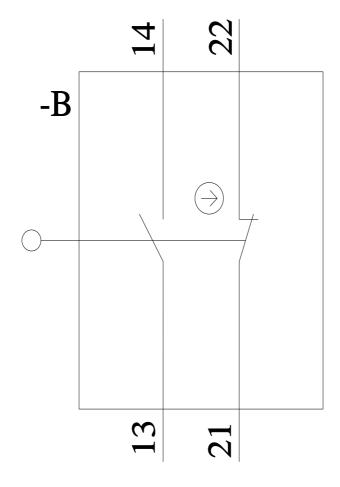
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0CB01

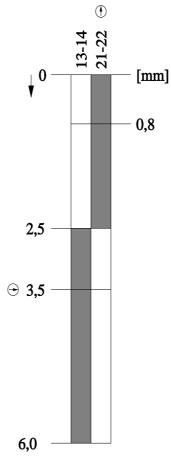
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5132-0CB01&lang=en









last modified: 12/21/2020 🖸

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