SIEMENS

Data sheet

3SE5122-0CE02



Position switch Metal enclosure 56 mm wide Device connection 3x (M20x 1.5) 1 NO/1 NC quick action contacts Roller lever made of metal and stainless steel roller 22 mm

ambient temperature -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none	product brand name	SIRIUS
manufacturer's article number SEE 5122-0CA00 • of the supplied basic switch SEE 5200-0AE02 • of the supplied actuator head for position switches SEE 5000-0AE02 • of the supplied switching contacts SEE 522-0AA00 • of the supplied equencing contacts SEE 522-0AA00 • of the supplied equencing contacts SEE 522-0AA00 • suitability for use safety switch Yes product function positive opening Yes insulation voltage rade value 400 V degree of pollution class 3 surge voltage resistance rated value 6 kV protection class IP IP66/IP67 shock resistance according to IEC 60068-2-6 • according to IEC 60068-2-7 30g / 11 ms vibration resistance according to IEC 60068-2-6 0.35 mm/5g mechanical service IIF (operating cycles) typlcal 15 000 000 electrical endurance (operating cycles) typlcal 15 000 000 electrical endurance (operating cycles) typlcal 15 000 000 reference code according to IEC 81346-2 B continuous current of the ouker bha2ED fuse link 10 A; for a short-circuit current smaller than 400 A	product designation	Mechanical position switches
• of the supplied basic switchSSE5122.0C.00• of the supplied actuator head for position switchesSSE5000-OAE02• of the supplied actuator head for position switchesSSE5000-OAE02• of the supplied emply enclosure with coverSSE5122.0AA00suitability for use safety switchYesConcral technical dataFesproduct function positive openingYesinsulation voltage rated value400 Vdegree of pollutionclass 3surge voltage resistance rated value6 kVprotection class IPIP66/IP67shock resistance900 / 11 ms• according to IEC 60068-2-2730g / 11 ms• vibration resistance according to IEC 60068-2-60.35 mm/5g• according to IEC 60068-2-730g / 11 ms• braterial entrance (poperating cycles) typical15 000 000• detertical endurance (poperating cycles) typical100 000• there according to IEC 61068-2-2B• continuous current of the Characteristic MCB1 A; for a short-circuit current smaller than 400 A• continuous current of the QLAZED fuse link10 A/ for a short-circuit current smaller than 400 A• continuous current of the QLAZED fuse link (G6 Aactive principlemechanicalreperate corracy0.05 mmSubstance Prohibitance (Date)070/12006minimum actuating force in directions of actuation10 Nlength of the sensor119 mmwidth of the sensor66 mm- aduing operation-25+85 °C• during operation-40	product type designation	3SE5
• of the suppled actuator head for position switches38E500-0.0C.00• of the suppled empty enclosure with cover38E500-0.0C.00• of the suppled empty enclosure with cover400 V• of the suppled empty enclosure with cover6 kV• or oftage rated value6 kV• or oftage rated value10 600• eaccording to IEC 60068-2-80.35 mm/5g• mechanical service life (operating cycles) at AC-15 at 230 V100 000• thermal current10 A• material of the enclosure of the switch headplastic• reference code according to IEC 81346-2B• continuous current of the DIAZED fuse link gG6 A• continuous current of the DIAZED fuse link gG6 A• active principlemechanical• repeat accuracy0.05 mm• Substance Prohibitance (Date)070/12006• ininimum actuating force	manufacturer's article number	
• of the supplied switching contacts3855000-0CA00 3815122-0AA00• of the supplied empty enclosure with cover3855122-0AA00suitability for use safety switchYesConcral technical data	 of the supplied basic switch 	<u>3SE5122-0CA00</u>
• of the supplied empty enclosure with cover SSE5122-0AA00 suitability for use safety switch Yes General technical data	 of the supplied actuator head for position switches 	<u>3SE5000-0AE02</u>
suitability for use safety switch Yes General technical data	 of the supplied switching contacts 	<u>3SE5000-0CA00</u>
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 IP66/IP67 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) 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 Quicx 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 accurage 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 56 mm Abbient conditions -40 +5	 of the supplied empty enclosure with cover 	<u>3SE5122-0AA00</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 IP66/IP67 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 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 gG 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 56 mm Ambient conditions -25 +85 °C eduring storage <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 IP667 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 IIfe (operating cycles) typical 15 000 000 electrical endurance (operating cycles) at AC-15 at 230 V 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 1A; for a short-circuit current smaller than 400 A continuous current of the QIAZED fuse link 10 A; for a short-circuit current smaller than 400 A continuous current of the QIAZED 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 10 N length of the sensor 56 mm Ambient temperature -	General technical data	
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 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 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 gG 6 A active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 119 mm width of the sensor 56 mm Ambient temperature -25	product function positive opening	Yes
surge voltage resistance rated value 6 kV protection class IP IP66/IP67 shock resistance IP66/IP67 with to IPC Support IP66/IP67 shock resistance IP60/IP67 mechanical service IIfe (operating cycles) typical 10 000 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 Characteristic MCB 1 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 Subst	insulation voltage rated value	400 V
Drotection class IP IP66/IP67 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 100 000 typical 100 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 QLAZED 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) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 119 mm width of the sensor 56 mm ambient temperature - - during operation -25 +85 °C - during storage -40 +90 °C	degree of pollution	class 3
shock resistance 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 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 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) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 119 mm width of the sensor 56 mm ambient conditions -25 +85 °C e during operation -25 +80 °C e during storage -40 +90 °C	surge voltage resistance rated value	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 elactrical endurance (operating cycles) at AC-15 at 230 V 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 QUAZED 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) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 56 mm Ambient conditions 56 mm ambient temperature -25 +85 °C • during operation -25 +90 °C • during storage -40 +90 °C	protection class IP	IP66/IP67
vibration resistance according to IEC 60068-2-60.35 mm/5gmechanical service life (operating cycles) typical15 000 000electrical endurance (operating cycles) at AC-15 at 230 V typical100 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 quick DIAZED 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 actuation10 Nlength of the sensor19 mmwidth of the sensor56 mmAmbient temperature 	shock resistance	
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 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) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 56 mm Ambient conditions -25 +85 °C auting operation -25 +85 °C - during storage -40 +90 °C explosion protection category for dust none	 according to IEC 60068-2-27 	30g / 11 ms
electrical endurance (operating cycles) at AC-15 at 230 V 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 DIAZED 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 10 N length of the sensor 119 mm width of the sensor 56 mm Ambient temperature - • during operation -25 +85 °C • during storage -40 +90 °C • during storage -40 +90 °C	vibration resistance according to IEC 60068-2-6	0.35 mm/5g
typical Interval of the section of the section of the switch head plastic reference code according to IEC 81346-2 B 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 6 A active principle mechanical 0.05 mm repeat accuracy 0.05 mm 0.05 mm Substance Prohibitance (Date) 07/01/2006 119 mm width of the sensor 119 mm 119 mm width of the sensor 56 mm	mechanical service life (operating cycles) typical	15 000 000
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 Substance Prohibitance (Date) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 119 mm width of the sensor 56 mm Ambient temperature - • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none		100 000
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 Substance Prohibitance (Date) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 119 mm width of the sensor 56 mm Ambient conditions -25 +85 °C e during operation -25 +85 °C e during storage -40 +90 °C explosion protection category for dust none	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 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 119 mm width of the sensor 56 mm Ambient conditions -25 +85 °C • during operation -40 +90 °C • during storage -40 +90 °C explosion protection category for dust none	material of the enclosure of the switch head	plastic
continuous current of the quick DIAZED 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 actuation10 Nlength of the sensor119 mmwidth of the sensor56 mmAmbient conditions-25 +85 °C• during operation-25 +80 °C• during storage-40 +90 °Cexplosion protection category for dustnone	reference code according to IEC 81346-2	В
continuous current of the DIAZED fuse link gG6 Aactive principlemechanicalrepeat accuracy0.05 mmSubstance Prohibitance (Date)07/01/2006minimum actuating force in directions of actuation10 Nlength of the sensor119 mmwidth of the sensor56 mmAmbient conditions-25 +85 °Ce during operation-25 +85 °Ce during storage-40 +90 °Cnone-25 +85 °C	continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
active principle mechanical repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 119 mm width of the sensor 56 mm Ambient conditions -25 +85 °C • during operation -25 +90 °C • during storage -40 +90 °C explosion protection category for dust none	continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
repeat accuracy 0.05 mm Substance Prohibitance (Date) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 119 mm width of the sensor 56 mm Ambient conditions 56 mm ambient temperature -25 +85 °C • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none	continuous current of the DIAZED fuse link gG	6 A
Substance Prohibitance (Date) 07/01/2006 minimum actuating force in directions of actuation 10 N length of the sensor 119 mm width of the sensor 56 mm Ambient conditions 56 mm ambient temperature -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none	active principle	mechanical
minimum actuating force in directions of actuation 10 N length of the sensor 119 mm width of the sensor 56 mm Ambient conditions 56 mm ambient temperature -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none	repeat accuracy	0.05 mm
length of the sensor 119 mm width of the sensor 56 mm Ambient conditions	Substance Prohibitance (Date)	07/01/2006
width of the sensor 56 mm Ambient conditions	minimum actuating force in directions of actuation	10 N
Ambient conditions ambient temperature • during operation • during storage -25 +85 °C • during storage -40 +90 °C explosion protection category for dust	length of the sensor	119 mm
ambient temperature -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none	width of the sensor	56 mm
• during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none	Ambient conditions	
during storage -40 +90 °C explosion protection category for dust none	ambient temperature	
explosion protection category for dust none	during operation	-25 +85 °C
	during storage	-40 +90 °C
design of the switching contact mechanical	explosion protection category for dust	none
	design of the switching contact	mechanical
operating frequency rated value 50 60 Hz	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	
 at 125 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		
design of the housing	block, wide	
material of the enclosure	metal	
coating of the enclosure	cathodic dip coating	
design of the housing according to standard	No	
Drive Head		
design of the actuating element	Roller lever, metal lever, high-grade steel roller	
standard-compliant actuator head	EN 50041	
shape of the switch head	roller	
design of the switching function	positive opening	
circuit principle	snap-action contacts	
number of switching contacts safety-related	1	
cable entry type	3x (M20 x 1.5)	
nstallation/ mounting/ dimensions		
mounting position	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 mm²), 2x (0.5 0.75 mm²)	
 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	Functional Safety/Safety of M chinery	
Confirmation Confirmation	Definition C tificate	
Declaration of Conformity Test Certificat	es other	
EG-Konf. UK Type Test Certific- ates/Test Report Confirmation Further information		

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

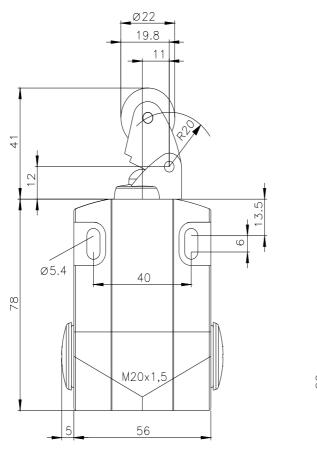
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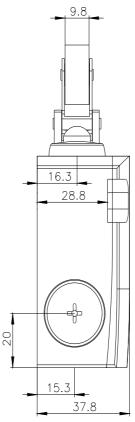
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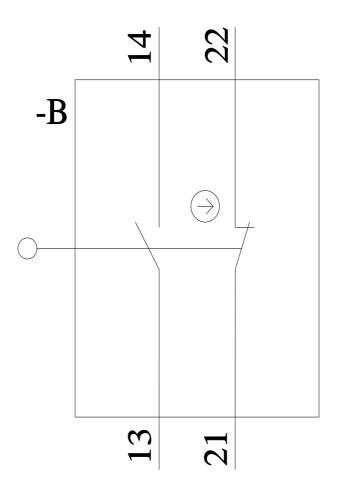
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

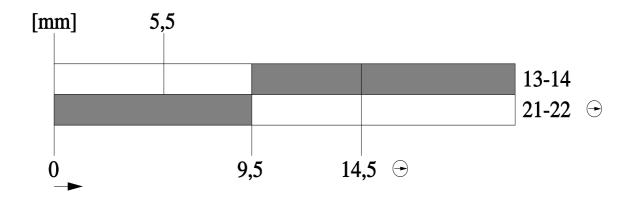
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5122-0CE02&lang=en









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