SIEMENS

Data sheet

3SE5122-0MA00-1CA0



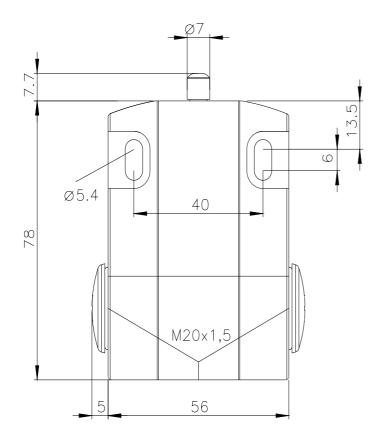
Basic switch for position switch 3SE5112 Metal enclosure 56 mm increased corrosion protection (increased corrosion protection) 3x (M20x 1.5) 1 NO/2 NC slow-action contacts with make-before-break without actuator head

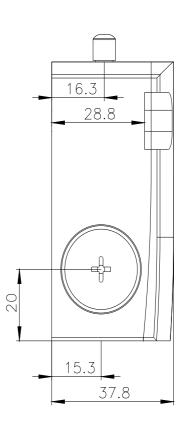
product orbit numb Mixed product type designation 38E5 menufacturer's article number 38E5 • of the supplied switching contacts 38E500-0MA00 • of the supplied switching contacts 38E5122,0AA00-1CA0 suitability for use safety switch Yes Cancral technical data Yes product function positive opening Yes insulation voitage rated value 250 V degree of politution class 3 surge voitage resistance rated value 4 kV protection class IP IP604/PG7 shock resistance according to IEC 60068-2-27 surge voitage 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 15 000 000 electrical endurance (operating cycles) typical 10 A reference code according to IEC 81346-2 B continuous current of the Qiack DIAZED fuse link g0 6 A continuous current of the Qiack DIAZED fuse link g0 6 A continuous current of the Qiack DIAZED fuse link g0 6 A continuous current of the Qiack DIAZED fuse link g0 6 A continuous current of the DIAZED fuse link g0 6 A continuous current of the DiAZED fuse link g0	product brand name	SIRIUS
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• of the supplied empty enclosure with cover 3SE5122.0AA00-1CA0 suitability for use safety switch Yes Ceneral technical data 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 shock resistance 4 kV protection class IP IP66/IP67 shock resistance according to IEC 60068-2.27 30g / 11 ms 30g / 11 ms vibration resistance according to IEC 60068-2.45 0.35 mm/5g mechanical service IIFe (operating cycles) typical 15 000 000 electrical endurance (operating cycles) typical 10 A 100 000 typical thermal current 10 A A Freference 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 6A active principle rest accuracy 0.05 mm Substance name Imidazoldin-2-thion - 96-		2855000 004000
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repeat accuracy0.05 mmSubstance Prohibitance (Date)07/01/2006SVHC substance nameImidazolidin-2-thion - 96-45-7minimum actuating force in directions of actuation20 Nlength of the sensor85.7 mmwidth of the sensor56 mmAmbient conditionsambient temperature• during operation-25 +85 °C• during storage-40 +90 °Cexplosion protection category for dustnonedesign of the switching contactmechanicaloperating frequency rated value50 60 Hznumber of NC contacts for auxiliary contacts2	continuous current of the DIAZED fuse link gG	6 A
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 85.7 mm width of the sensor 56 mm Ambient conditions -25 +85 °C ambient temperature -25 +85 °C e during operation -25 +90 °C explosion protection category for dust none design of the switching contact mechanical operating frequency rated value 50 60 Hz number of NC contacts for auxiliary contacts 2	active principle	mechanical
SVHC substance nameImidazolidin-2-thion - 96-45-7minimum actuating force in directions of actuation20 Nlength of the sensor85.7 mmwidth of the sensor56 mmAmbient conditionsambient temperature• during operation-25 +85 °C• during storage-40 +90 °Cexplosion protection category for dustnonedesign of the switching contactoperating frequency rated value50 60 Hz2	repeat accuracy	0.05 mm
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width of the sensor 56 mm Ambient conditions	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 none design of the switching contact operating frequency rated value 50 60 Hz number of NC contacts for auxiliary contacts	length of the sensor	85.7 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 number of NC contacts for auxiliary contacts 2	width of the sensor	56 mm
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design of the switching contact mechanical operating frequency rated value 50 60 Hz number of NC contacts for auxiliary contacts 2	during storage	-40 +90 °C
operating frequency rated value 50 60 Hz number of NC contacts for auxiliary contacts 2	explosion protection category for dust	none
number of NC contacts for auxiliary contacts 2	design of the switching contact	mechanical
	operating frequency rated value	50 60 Hz
number of NO contacts for auxiliary contacts 1	number of NC contacts for auxiliary contacts	2
	number of NO contacts for auxiliary contacts	1

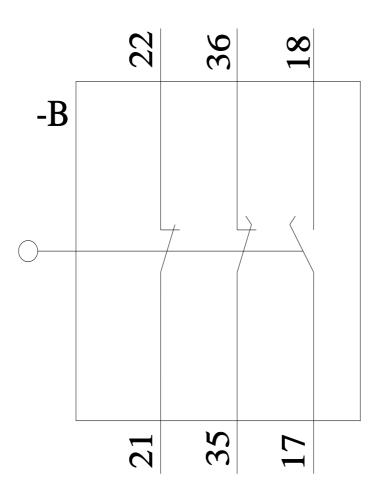
operational current at AC-15	
 at 24 V rated value 	6 A
 at 125 V rated value 	6 A
• at 240 V rated value	6 A
• at 400 V rated value	4 A
operational current at DC-13	
• at 24 V rated value	3 A
• at 125 V rated value	0.55 A
• at 250 V rated value	0.27 A
• at 400 V rated value	0.12 A
Enclosure	
design 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	Other, without, basic switch
design of the switching function	Positive opening with appropriate positive opening actuator head
circuit principle	slow-action contacts
number of switching contacts safety-related	2
cable entry type	3x (M20 x 1.5)
Installation/ 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 mm²), 2x (0.5 0.75 mm²)
 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	
General Product Approval Test Certificates other Type Test Certific- Confirmation	
ates/Test Report	

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=3SE5122-0MA00-1CA0 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5122-0MA00-1CA0 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5122-0MA00-1CA0 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5122-0MA00-1CA0&lang=en







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