SIEMENS

Data sheet

3SE5112-0CF01



Position switch Metal enclosure 40 mm according to EN 50041 Device connection 1x (M20 x 1.5) 1 NO/1 NC quick action contacts Angular roller lever, metal lever and plastic roller 22 mm

product designation Mixtoo product designation 38E5 manufacturer's article number 38E5 • of the supplied cluator head for position switches 38E5400_0AF01 • of the supplied actuator head for position switches 38E500_0AF01 • of the supplied actuator head for position switches 38E500_0AF01 • of the supplied actuator head for position switches 38E5012_0CA00 • of the supplied empty enclosure with cover 38E5012_0CA00 suitability for use safety switch Yes Central tachnical data Product function positive opening Yes Insulation voitage rated value 6 NV degree of pollution class 3 surge voitage resistance rated value 6 NV • according to IEC 60068-2-27 30g / 11 ms • withor new role of the governing cycles) yolcal 15 000 000 electrical endurance (operating cycles) yolcal 15 000 000 electrical endurance (operating cycles) yolcal 10 A material of the enclosure of the switch head plastic reference code according to IEC 81346-2 B continuous current of the OLAracteristic MCB 1 A: for a short-circuit current smaller than 400 A continuous current of the QLARDED fuse link gG 6 A active principle mechanical reperat ac	product brand name	SIRIUS
product type designation 3SE5 manufacturer's article number 3SE5 of the supplied actuator head for position switches 3SE500-0AF01 of the supplied actuator head for position switches 3SE500-0CA00 of the supplied maching contacts 3SE500-0CA00 suitability for use safety switch 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 IP66/IP67 shock resistance 93 (11 ms • ot the supplied activator (boose-2-27) 30g / 11 ms vibration resistance according to IEC 60068-2-27 30g / 11 ms vibration resistance according to IEC 60068-2-27 30g / 11 ms vibration resistance according to IEC 60068-2-27 30g / 11 ms vibration resistance according to IEC 60068-2-27 30g / 11 ms vibration resistance according to IEC 60068-2-27 30g / 11 ms vibration resistance according to IEC 60068-2-27 B continuous current of the switch head plastic reference code according to	· · · · · ·	
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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	118 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	40 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

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	0.127	
design of the housing	block, narrow	
material of the enclosure	metal	
coating of the enclosure	cathodic dip coating	
design of the housing according to standard	Yes	
Drive Head		
design of the actuating element	Angular roller lever, metal lever, plastic 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	1x (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 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 16)	
design of the interface for safety-related communication	without	
Communication/ Protocol	without	
design of the interface	without	
Certificates/ approvals		
General Product Approval		Functional Safety/Safety of Ma- chinery
		<u>Type Examination Cer</u> <u>tificate</u>
Declaration of Conformity Test Certif	ficates other	
UK CE ates/Test		
Eurther 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

Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5112-0CF01

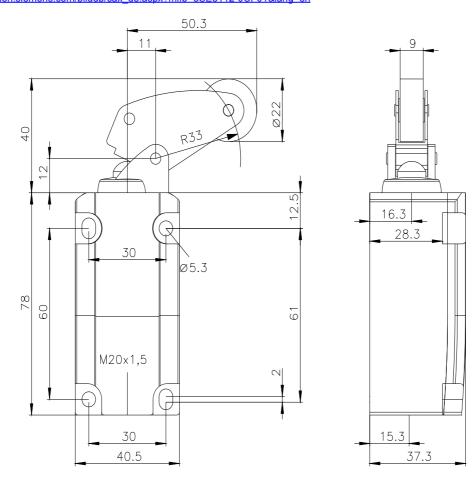
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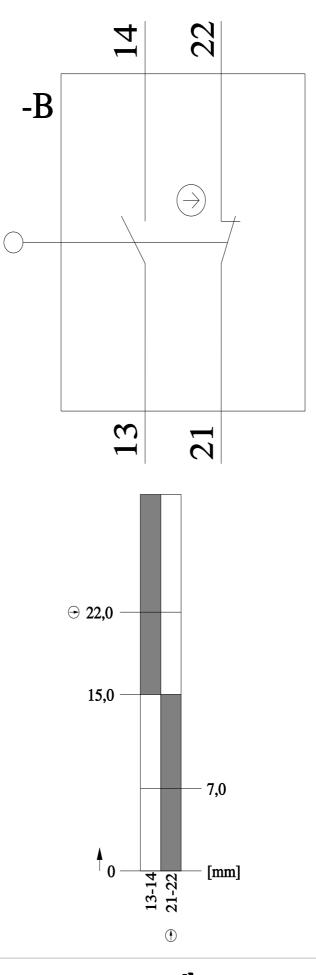
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5112-0CF01

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

https://supp t.industry.siemens.com/cs/ww/en/ps/3SE5112-0CF01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5112-0CF01&lang=en





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