SIEMENS

Data sheet 3SE5212-0KB01



Position switch Metal enclosure 31 mm according to EN 50047 Device connection 1 x (M20 x 1.5) 1 NO/2 NC slow-action contacts Plain plunger, stainless steel

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
 of the supplied actuator head for position switches 	3SE5000-0AB01
 of the supplied switching contacts 	3SE5000-0KA00
 of the supplied empty enclosure with cover 	3SE5212-0AC05
suitability for use safety switch	Yes
eneral 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) at AC-15 at 230 V typical	100 000
thermal current	10 A
material of the enclosure of the switch head	metal
reference code according to IEC 81346-2	В
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	20 N
length of the sensor	79.5 mm
width of the sensor	31 mm
mbient 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
operating frequency rated value	50 60 Hz

number of switching contacts safety-related cable entry type	2 1x (M20 x 1.5)	
circuit principle	slow-action contacts	
shape of the switch head design of the switching function	positive opening	
standard-compliant actuator head	EN 50041, design B	
Drive Head design of the actuating element	single plunger, stainless steel plunger	
	res	
design of the housing according to standard	Yes	
coating of the enclosure	cathodic dip coating	
material of the enclosure	metal	
design of the housing	block, narrow	
	block parrow	
Enclosure		
	0.12 A	_
at 400 V rated value	0.12 A	
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 120 V rated value	6 A	
at 24 V rated value	6 A	
•	2.4	
operational current at AC-15		
number of NO contacts for auxiliary contacts	1	
•	2	
number of NC contacts for auxiliary contacts		

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Confirmation







Type Examination Cer**tificate**

Declaration of Conformity

Test Certificates

other





Type Test Certificates/Test Report

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

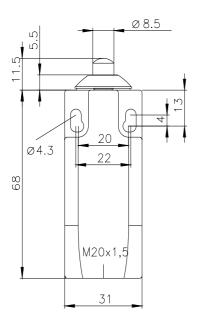
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5212-0KB01

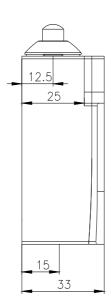
Cax online generator

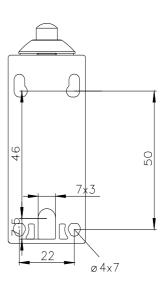
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5212-0KB01

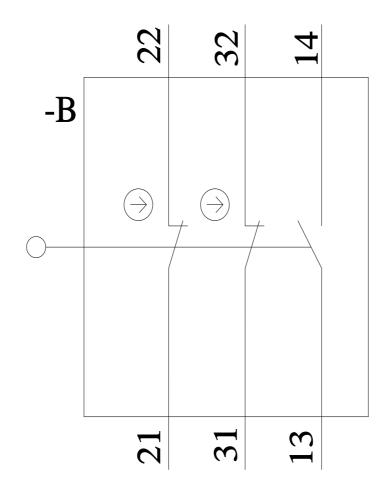
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

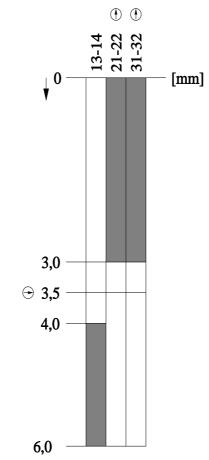
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5212-0KB01&lang=en











last modified: 3/23/2022 🖸