SIEMENS

Data sheet 3SE5212-0KD03



Position switch Metal enclosure according to EN 50047, 31 mm Device connection $1 \times (M20 \times 1.5) 1$ NO/2 NC slow-action contacts Roller plunger, Form C with plastic roller 10 mm

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 	3SE5000-0AD03
 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	86 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

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	2	
circuit principle	slow-action contacts	
design of the switching function	positive opening	
shape of the switch head	roller	
standard-compliant actuator head	EN 50047, design C	
design of the actuating element	Roller plunger, plastic roller	
Prive Head		
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	
inclosure		
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	
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

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

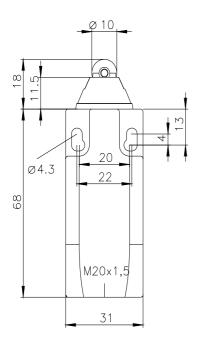
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5212-0KD03

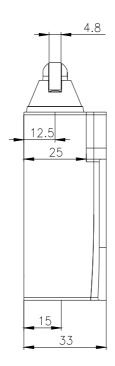
Cax online generator

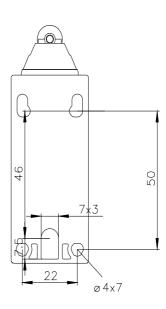
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5212-0KD03

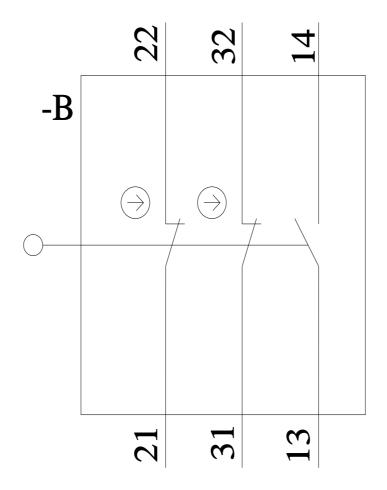
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

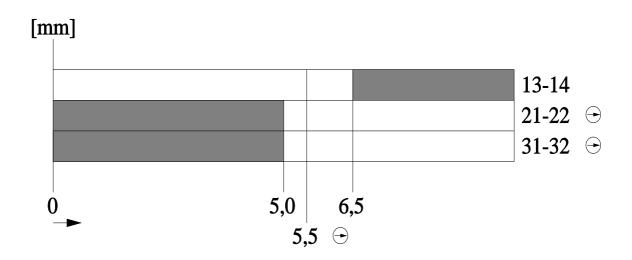
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5212-0KD03&lang=en











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