SIEMENS

Data sheet 3SE5212-0KD10



Position switch Metal enclosure IP66/IP67 according to EN 50047, 31 mm Device connection 1 x (M20 x 1.5) 1 NO/2 NC slow-action contacts Roller plunger with central mounting and Plastic roller 10 mm

SIRIUS
Mechanical position switches
3SE5
3SE5000-0AD10
3SE5000-0KA00
3SE5212-0AC05
Yes
Yes
400 V
class 3
6 kV
IP66/IP67
30g / 11 ms
0.35 mm/5g
15 000 000
100 000
10 A
metal
В
1 A; for a short-circuit current smaller than 400 A
10 A; for a short-circuit current smaller than 400 A
6 A
mechanical
0.05 mm
07/01/2006
20 N
110.4 mm
31 mm
-25 +85 °C
40 +90 °C
none
mechanical
50 60 Hz

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 120 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, 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	Roller plunger, plastic roller	
standard-compliant actuator head	EN 50047, design C	
shape of the switch head	roller	
design of the switching function	positive opening	
circuit principle	slow-action contacts	
number of switching contacts safety-related	2	
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 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		Functional Safety/Safety of Ma- chinery

chinery





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

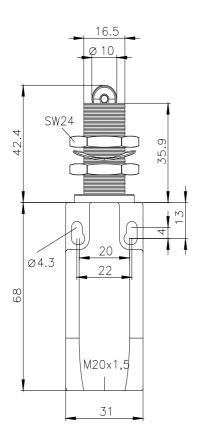
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5212-0KD10

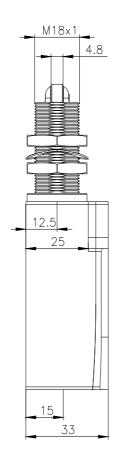
Cax online generator

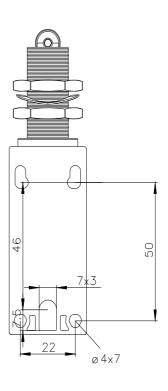
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5212-0KD10

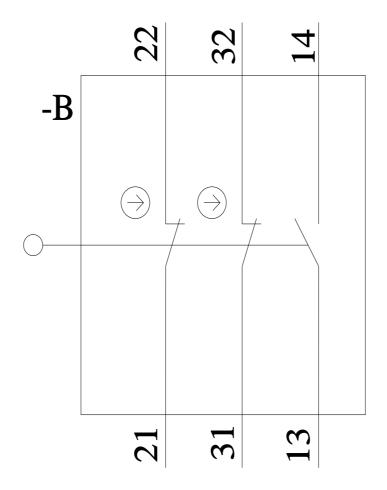
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

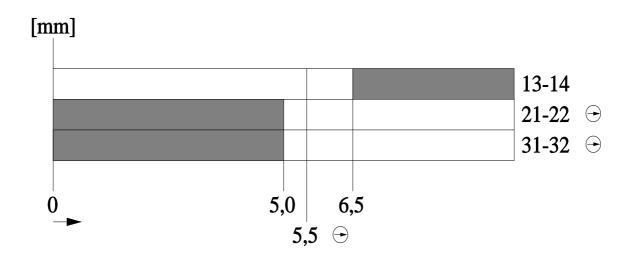
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5212-0KD10&lang=en











last modified: 3/23/2022 🖸