SIEMENS

Data sheet 3SE5112-0CE01



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

product brand name product designation product type designation manufacturer's article number

- of the supplied basic switch
- of the supplied actuator head for position switches
- of the supplied switching contacts
- of the supplied empty enclosure with cover

suitability for use safety switch

SIRIUS

Mechanical position switches

3SE5

3SE5112-0CA00

3SE5000-0AE01

3SE5000-0CA00

3SE5112-0AA00

Yes

General technical data

product function positive opening
insulation voltage rated value
degree of pollution
surge voltage resistance rated value
protection class IP
shock resistance

• according to IEC 60068-2-27

vibration resistance according to IEC 60068-2-6 mechanical service life (operating cycles) typical electrical endurance (operating cycles) at AC-15 at 230 V typical

electrical endurance (operating cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical

Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026

thermal current

material of the enclosure of the switch head reference code according to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the DIAZED fuse link gG

active principle repeat accuracy

Substance Prohibitance (Date)

minimum actuating force in directions of actuation length of the sensor

width of the sensor

Yes

400 V class 3

6 kV

IP66/IP67

30g / 11 ms

0.35 mm/5g 15 000 000

100 000

10 000 000

6 000

10 A

plastic

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 10 N 119 mm

40 mm

Ambient conditions

ambient temperature

during operationduring storage

-25 ... +85 °C -40 ... +90 °C

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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 number of NO contacts for auxiliary contacts 1 operational current at AC-15 • at 24 V rated value 6 A 6 A • at 125 V rated value • at 240 V rated value 6 A • at 400 V rated value 4 A operational current at DC-13 3 A • at 24 V rated value 0.55 A • at 125 V rated value • 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 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 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 1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²) solid • finely stranded with core end processing 1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²) • at AWG cables solid 1x (20 ... 16), 2x (20 ... 18) • at 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





Confirmation







Functional
Safety/Safety of Declaration of Conformity Test Certificates other
Machinery

Type Examination Certificate





Type Test Certificates/Test Report

Confirmation

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=3SE5112-0CE01

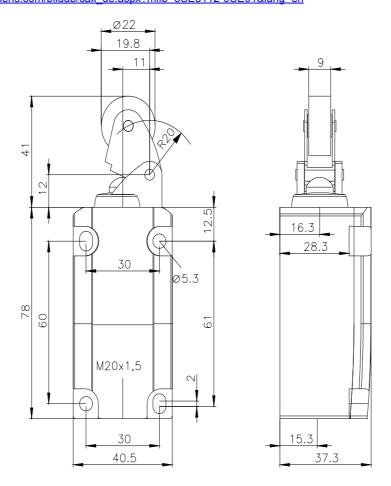
Cax online generator

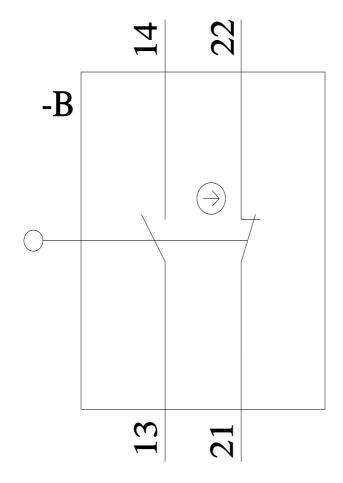
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5112-0CE01

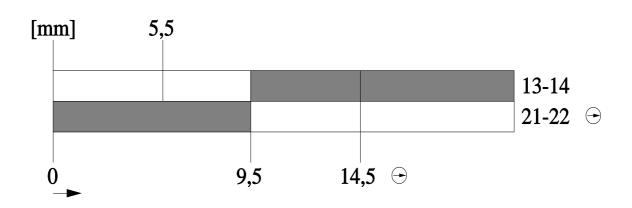
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5112-0CE01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5112-0CE01&lang=en







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