SIEMENS

Data sheet 3SE5132-0CD05



Position switch Plastic enclosure 40 mm according to EN 50041 Device connection 1 x (M20 x 1.5) 1 NO/1 NC quick action contacts Roller plunger, Form C with plastic roller 13 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

3SE5132-0CA00

3SE5000-0AD05

3SE5000-0CA00

3SE5132-0AA00

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 (switching cycles) typical electrical endurance (switching cycles) at AC-15 at 230 V typical

electrical endurance (switching 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

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 116.3 mm

40 mm

Ambient conditions

ambient temperature

• during operation during storage

-25 ... +85 °C -40 ... +90 °C

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 • at 24 V rated value 3 A 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 plastic coating of the enclosure Other types design of the housing according to standard Yes **Drive Head** Roller plunger, plastic roller design of the actuating element standard-compliant actuator head EN 50041, design C shape of the switch head 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 Machinery

Declaration of Conformity

other

Type Examination Certificate





Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

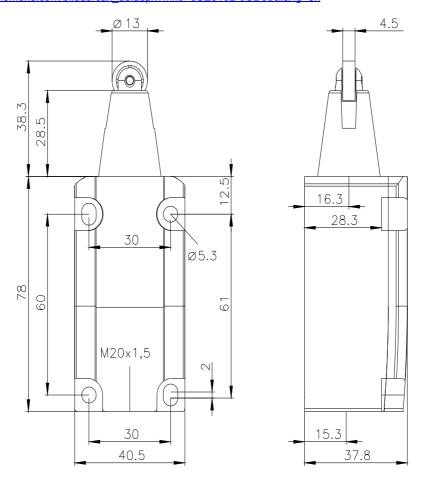
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5132-0CD05

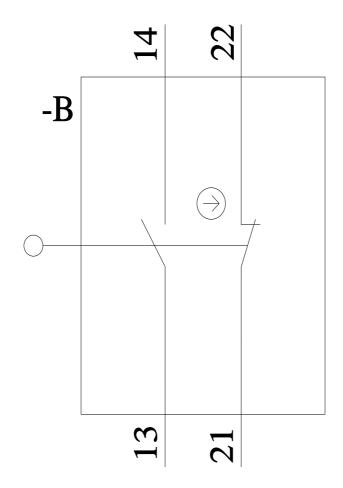
Cax online generator

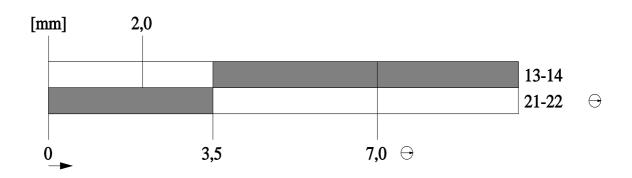
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0CD05

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5132-0CD05

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax de.aspx?mlfb=3SE5132-0CD05&lang=en







last modified: 12/21/2020 🖸