



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

B

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 | 1            |
| number of NO contacts for auxiliary contacts | 1            |
| operational current at AC-15                 |              |
| • at 24 V rated value                        | 6 A          |
| • at 125 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       |

|   |               |
|---|---------------|
| <b>Enclosure</b>                            |               |
| 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           |

|   |                                |
|---|--------------------------------|
| <b>Drive Head</b>                           |                                |
| design of the actuating element             | Roller plunger, plastic roller |
| standard-compliant actuator head            | EN 50041, design C             |
| shape of the switch head                    | roller                         |
| design of the switching function            | positive opening               |
| circuit principle                           | snap-action contacts           |
| number of switching contacts safety-related | 1                              |
| cable entry type                            | 1x (M20 x 1.5)                 |

|   |              |
|---|--------------|
| <b>Installation/ mounting/ dimensions</b> |              |
| mounting position                         | any          |
| fastening method                          | screw fixing |

|  |   |
|--|---|
| <b>Connections/ Terminals</b>                            |   |
| 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) |
| • 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                                     |

|                                |         |
|--------------------------------|---------|
| <b>Communication/ Protocol</b> |         |
| design of the interface        | without |

|                                |  |
|--------------------------------|--|
| <b>Certificates/ approvals</b> |  |
| General Product Approval       |  |



[Confirmation](#)



|                                       |                           |       |
|---------------------------------------|---------------------------|-------|
| Functional Safety/Safety of Machinery | Declaration of Conformity | other |
|---------------------------------------|---------------------------|-------|

[Type Examination Certificate](#)



[Confirmation](#)

|   |
|---|
| <b>Further information</b>                                |
| Information- and Downloadcenter (Catalogs, Brochures,...) |

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5132-0CD05&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5132-0CD05&lang=en)



