



SIRIUS POSITION SWITCH; PLASTIC HOUSING NOT ENCAPSULATED 30MM 1NO/2NC SLOW-ACTION CONTACTS METAL PLUNGER, IP10

|  |  |                               |
|--|--|-------------------------------|
| Product designation  |  | standard position switch      |
| Manufacturer article number  |  |                               |
| <ul style="list-style-type: none"> <li>of the supplied switching contacts</li> </ul> |  | <a href="#">3SE5000-0KA00</a> |

**General technical data:**

|   |    |              |
|---|----|--------------|
| Product function  |    |              |
| <ul style="list-style-type: none"> <li>positive opening</li> </ul>  |    | Yes          |
| Insulation voltage  |    |              |
| <ul style="list-style-type: none"> <li>Rated value</li> </ul>   | V  | 400          |
| Degree of pollution   |    | class 3      |
| Shock resistance  |    | 30g / 11 ms  |
| Vibration resistance  |    | 0.35 mm / 5g |
| Surge voltage resistance Rated value  | kV | 6            |
| Mechanical service life (switching cycles)  |    |              |
| <ul style="list-style-type: none"> <li>typical</li> </ul>   |    | 15 000 000   |
| Electrical endurance (switching cycles)   |    |              |
| <ul style="list-style-type: none"> <li>at AC-15 at 230 V typical</li> </ul>                                       |    | 100 000      |
| Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical |    | 10 000 000   |
| Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026         |    | 6 000        |
| Thermal current   | A  | 6            |
| Material of the enclosure of the switch head  |    | plastic      |
| Protection class IP   |    | IP10         |
| Equipment marking   |    |              |

|  |    |            |
|--|----|------------|
| <ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to DIN EN 81346-2</li> </ul> |    | B<br>B     |
| <b>Active principle</b>  |    | mechanical |
| <b>Repeat accuracy</b>   | mm | 0.05       |
| Explosion protection category for dust   |    | none       |
| Explosion protection category for gas  |    | none       |
| Minimum actuating force in activation direction  | N  | 20         |
| <b>Operating current at AC-15</b>  |    |            |
| <ul style="list-style-type: none"> <li>• at 230 V Rated value</li> </ul>                                     | A  | 1.5        |
| <b>Operating current</b>   |    |            |
| <ul style="list-style-type: none"> <li>• at DC-13 at 125 V Rated value</li> </ul>                            | A  | 0.55       |
| <b>Operating current</b>   |    |            |
| <ul style="list-style-type: none"> <li>• at DC-13</li> <li>— at 24 V Rated value</li> </ul>                  | A  | 3          |

|   |  |                    |
|---|--|--------------------|
| <b>Enclosure:</b>                             |  |                    |
| <b>Material of the enclosure</b>              |  | plastic, open-type |
| <b>Coating of the enclosure</b>               |  | Other types        |
| <b>Design of the housing acc. to standard</b> |  | No                 |

|  |  |                    |
|--|--|--------------------|
| <b>Drive Head:</b>                       |  |                    |
| <b>Design of the operating mechanism</b> |  | Metal plunger      |
| <b>Standard-compliant actuator head</b>  |  | EN 50047, design B |
| <b>Shape of the switch head</b>          |  | rounded            |
| <b>Design of the switching function</b>  |  | positive opening   |

|   |  |   |
|---|--|---|
| <b>Connections/ Terminals:</b>  |  |   |
| <b>Type of electrical connection</b>  |  | screw-type terminals  |
| <b>Type of connectable conductor cross-section</b>  |  |   |
| <ul style="list-style-type: none"> <li>• solid</li> </ul>                                       |  | 1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> ) |
| <ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>    |  | 1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> ) |
| <ul style="list-style-type: none"> <li>• finely stranded without core end processing</li> </ul> |  | 1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> ) |
| <ul style="list-style-type: none"> <li>• for AWG conductors</li> </ul>                          |  |   |
| <ul style="list-style-type: none"> <li>— solid</li> </ul>                                       |  | 1x (20 ... 16), 2x (20 ... 18)  |
| <ul style="list-style-type: none"> <li>— stranded</li> </ul>                                    |  | 1x (20 ... 16), 2x (20 ... 18)  |

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

|  |    |             |
|--|----|-------------|
| <b>Ambient conditions:</b>   |    |             |
| <b>Ambient temperature</b>   |    |             |
| <ul style="list-style-type: none"> <li>• during operation</li> </ul> | °C | -25 ... +85 |
| <ul style="list-style-type: none"> <li>• during storage</li> </ul>   | °C | -40 ... +90 |

|  |  |     |
|--|--|-----|
| <b>Installation/ mounting/ dimensions:</b> |  |     |
| <b>mounting position</b>                   |  | any |

Mounting type

screw fixing

Certificates/ approvals:

General Product Approval

Declaration of  
Conformity

Test  
Certificates

other



CSA



UL



EG-Konf.

[Special Test  
Certificate](#)

[Confirmation](#)

Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

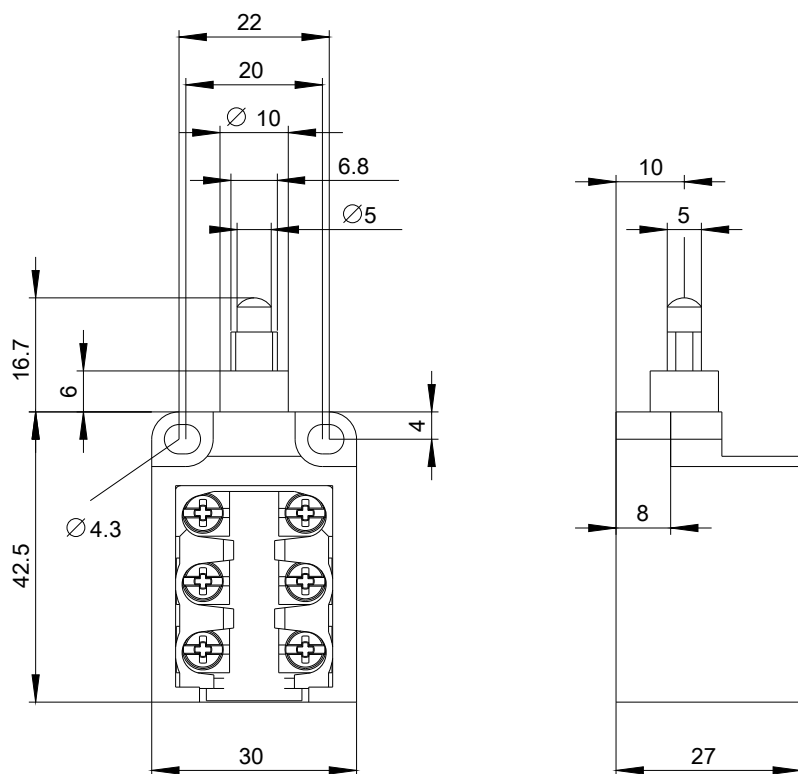
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5250KC05>

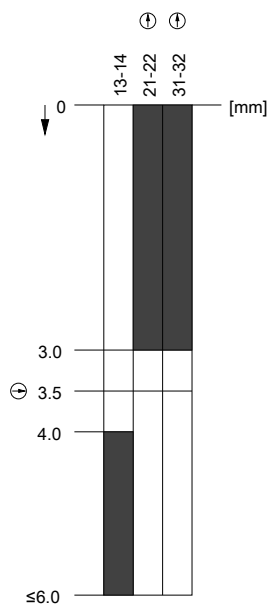
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5250KC05/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5250KC05&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5250KC05&lang=en)





**last modified:**

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