

**3SE5232-0BC05 SIRIUS POSITION SWITCH**

Technical / CAx data

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SIRIUS POSITION SWITCH PLASTIC HOUSING ACC. TO EN50047, 31MM DEVICE CONNECTION 1X (M20X1.5); 1NO/1NC SLOW-ACTION CONTACTS TEFLON PLUNGER

|   |               |
|---|---------------|
| <b>Manufacturer article number</b>  | 3SE5232-0BC05 |
| <ul style="list-style-type: none"> <li>of the basic unit included in the scope of supply</li> </ul> |               |

| General technical details:   |                          |      |
|--|--------------------------|------|
| <b>product designation</b>   | standard position switch |      |
| <b>Insulation voltage</b>  |                          |      |
| <ul style="list-style-type: none"> <li>rated value</li> </ul>  | V                        | 400  |
| <b>Degree of pollution</b>   | class 3                  |      |
| <b>Thermal current</b>   | A                        | 6    |
| <b>Operating current</b>   |                          |      |
| <ul style="list-style-type: none"> <li>at AC-15</li> <li>at 24 V / rated value</li> <li>at 125 V / rated value</li> <li>at 230 V / rated value</li> <li>at DC-13</li> <li>at 24 V / rated value</li> <li>at 125 V / rated value</li> <li>at 230 V / rated value</li> </ul> | A                        | 6    |
|  | A                        | 6    |
|  | A                        | 3    |
|  | A                        | 3    |
|  | A                        | 0.55 |
|  | A                        | 0.27 |
| <b>Continuous current</b>  |                          |      |
| <ul style="list-style-type: none"> <li>of the slow DIAZED fuse link</li> <li>of the quick DIAZED fuse link</li> <li>of the C characteristic circuit breaker</li> </ul>   | A                        | 6    |
|  | A                        | 10   |
|  | A                        | 2    |
| <b>Mechanical operating cycles as operating time</b>   |                          |      |
| <ul style="list-style-type: none"> <li>typical</li> </ul>  | 15,000,000               |      |
| <b>Electrical operating cycles as operating time</b>   | 10,000,000               |      |

|  |                              |
|--|------------------------------|
| <ul style="list-style-type: none"> <li>with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical</li> <li>at AC-15 / at 230 V / typical</li> </ul> | 100,000                      |
| <b>Electrical operating cycles in one hour</b>   | 6,000                        |
| <ul style="list-style-type: none"> <li>with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026</li> </ul>  |                              |
| <b>Repeat accuracy</b>   | mm 0.05                      |
| <b>Design of the contact element</b>   | slow-action contacts         |
| <b>Number of NC contacts</b>   | 1                            |
| <ul style="list-style-type: none"> <li>for auxiliary contacts</li> </ul>   |                              |
| <b>Design of the switching function</b>  | positive opening             |
| <b>Number of NO contacts</b>   | 1                            |
| <ul style="list-style-type: none"> <li>for auxiliary contacts</li> </ul>   |                              |
| <b>Resistance against vibration</b>  | 0.35 mm / 5g                 |
| <b>Resistance against shock</b>  | 30g / 11 ms                  |
| <b>Ambient temperature</b>   |                              |
| <ul style="list-style-type: none"> <li>during operating</li> <li>during storage</li> </ul>   | °C -25...+85<br>°C -40...+90 |
| <b>Product specification</b>   |                              |
| <ul style="list-style-type: none"> <li>for dimensions</li> </ul>   | EN 50047                     |
| <b>Width of the sensor material</b>  | mm 31                        |
| <ul style="list-style-type: none"> <li>of the housing</li> </ul>   | plastic                      |
| <b>Material / of the housing / of the switch head</b>  | plastic                      |
| <b>Design of the operating mechanism</b>   | teflon plunger               |
| <b>Actuating speed</b>   | mm/s / m/s 0.4...1.5         |
| <b>Minimum actuating force / in activation direction</b>   | N 20                         |
| <b>Protection class IP</b>   | IP65                         |
| <b>Built in orientation</b>  | any                          |
| <b>Cable gland version</b>   | 1x (M20 x 1.5)               |
| <b>Design of the electrical connection</b>   | screw-type terminals         |
| <b>Item designation</b>  |                              |
| <ul style="list-style-type: none"> <li>according to DIN 40719 extendable after IEC 204-2</li> <li>according to DIN EN 61346-2</li> </ul>                             | S<br>B                       |

**Certificates/approvals:**

| General Product Approval                |  |  |   | Functional Safety / Safety of Machinery              | Declaration of Conformity                          |
|---|--|--|---|--|--|
| <input checked="" type="checkbox"/> CCC | <input checked="" type="checkbox"/> GOST     | <input checked="" type="checkbox"/> UL | <input checked="" type="checkbox"/> VDE | <input checked="" type="checkbox"/> Type Examination | <input checked="" type="checkbox"/> EC-Declaration |
| Test Certificates                       |  | other                                  |   |  |  |
| Special Test Certificate                | Declaration of the Compliance with the order | Confirmation                           | Vibration Test Certificates             |  |  |

**Further information:**

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

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

**Industry Mall (Online ordering system)**

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

**Cax online generator:**

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

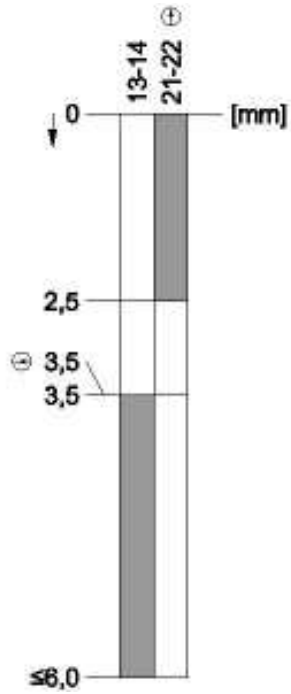
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3SE5232-0BC05/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SE5232-0BC05](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5232-0BC05)





last change:

Mar 29, 2012