

3SE5232-0BC05 SIRIUS POSITION SWITCH

Technical / CAX data

☒ Technical Data ☐ CAX data



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

Manufacturer article number

- of the basic unit included in the scope of supply

3SE5232-0BC05

General technical details:

|                                               |                          |     |   |      |
|-----------------------------------------------|--------------------------|-----|---|------|
| product designation                           | standard position switch |     |   |      |
| Insulation voltage                            | V                        | 400 |   |      |
| • rated value                                 |                          |     |   |      |
| Degree of pollution                           | class 3                  |     |   |      |
| Thermal current                               | A                        | 6   |   |      |
| Operating current                             |                          |     |   |      |
| • at AC-15                                    |                          |     |   |      |
| • at 24 V / rated value                       |                          |     | A | 6    |
| • at 125 V / rated value                      |                          |     | A | 6    |
| • at 230 V / rated value                      |                          |     | A | 3    |
| • at DC-13                                    |                          |     |   |      |
| • at 24 V / rated value                       |                          |     | A | 3    |
| • at 125 V / rated value                      |                          |     | A | 0.55 |
| • at 230 V / rated value                      |                          |     | A | 0.27 |
| Continuous current                            |                          |     |   |      |
| • of the slow DIAZED fuse link                |                          |     | A | 6    |
| • of the quick DIAZED fuse link               |                          |     | A | 10   |
| • of the C characteristic circuit breaker     | A                        | 2   |   |      |
| Mechanical operating cycles as operating time | 15,000,000               |     |   |      |
| • typical                                     |                          |     |   |      |
| Electrical operating cycles as operating time | 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>                                                                                             | positive opening             |
| <b>Design of the switching function</b>                                                                                                                              |                              |
| <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</b>                                                                                                                                           | mm 31                        |
| <b>material</b>                                                                                                                                                      | plastic                      |
| <ul style="list-style-type: none"> <li>of the housing</li> </ul>                                                                                                     | plastic                      |
| <b>Material / of the housing / of the switch head</b>                                                                                                                | teflon plunger               |
| <b>Design of the operating mechanism</b>                                                                                                                             |                              |
| <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                            |
|                                                                                                                                                                      | 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>

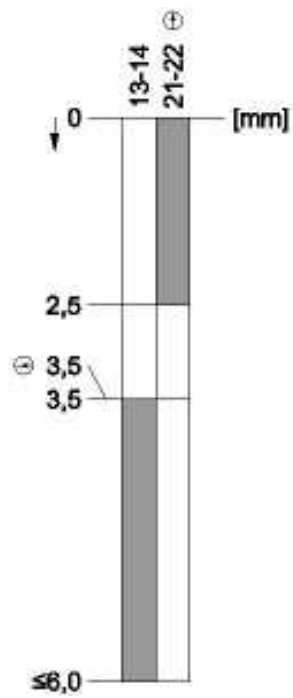
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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