



SIRIUS POSITION SWITCH METAL ENCLOSURE 56MM WIDE DEVICE CONNECTION 3X (M20X1.5) 1NO/ 1NC SLOW-ACTION CONTACTS ROTARY ACTUATOR RIGHT/LEFT ADJUSTABLE, W. LENGTH ADJUSTABLE METAL LEVER 100MM LONG AND PLASTIC ROLLER 19MM

|                             |  |                               |
|-----------------------------|--|-------------------------------|
| Manufacturer article number |  |                               |
|                             |  | <a href="#">3SE5122-0BA00</a> |
|                             |  | <a href="#">3SE5000-0AH00</a> |
|                             |  | <a href="#">3SE5000-0AA50</a> |

General technical details:

|                                        |   |                          |
|----------------------------------------|---|--------------------------|
| product designation                    |   | standard position switch |
| Explosion protection category for dust |   | none                     |
| Insulation voltage                     |   |                          |
| • rated value                          | V | 400                      |
| 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                     |

|                                                                               |            |                                                     |
|-------------------------------------------------------------------------------|------------|-----------------------------------------------------|
| <b>Continuous current</b>                                                     |            |                                                     |
| • of the slow DIAZED fuse link                                                | A          | 6                                                   |
| • of the quick DIAZED fuse link                                               | A          | 10                                                  |
| • of the C characteristic circuit breaker                                     | A          | 1                                                   |
| <b>Mechanical operating cycles as operating time</b>                          |            |                                                     |
| • typical                                                                     |            | 15,000,000                                          |
| <b>Electrical operating cycles as operating time</b>                          |            |                                                     |
| • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical |            | 10,000,000                                          |
| • at AC-15 / at 230 V / typical                                               |            | 100,000                                             |
| <b>Electrical operating cycles in one hour</b>                                |            |                                                     |
| • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026           |            | 6,000                                               |
| <b>Repeat accuracy</b>                                                        | mm         | 0.05                                                |
| <b>Design of the contact element</b>                                          |            | slow-action contacts                                |
| <b>Number of NC contacts</b>                                                  |            |                                                     |
| • for auxiliary contacts                                                      |            | 1                                                   |
| <b>Number of NO contacts</b>                                                  |            |                                                     |
| • for auxiliary contacts                                                      |            | 1                                                   |
| <b>Resistance against vibration</b>                                           |            | 0.35 mm / 5g                                        |
| <b>Resistance against shock</b>                                               |            | 30g / 11 ms                                         |
| <b>Ambient temperature</b>                                                    |            |                                                     |
| • during operating                                                            | °C         | -25 ... +85                                         |
| • during storage                                                              | °C         | -40 ... +90                                         |
| <b>Width of the sensor</b>                                                    | mm         | 56                                                  |
| <b>Material</b>                                                               |            |                                                     |
| • of the enclosure                                                            |            | metal                                               |
| <b>Material / of the housing / of the switch head</b>                         |            | metal                                               |
| <b>Design of the operating mechanism</b>                                      |            | Metal lever adjustable length, plastic roller 19 mm |
| <b>Actuating speed</b>                                                        | mm/s / m/s | 0.4 ... 1.5                                         |
| <b>Protection class IP</b>                                                    |            | IP66/IP67                                           |
| <b>mounting position</b>                                                      |            | any                                                 |
| <b>Cable gland version</b>                                                    |            | 3 x (M20 x 1.5)                                     |
| <b>Design of the electrical connection</b>                                    |            | screw-type terminals                                |
| <b>Item designation</b>                                                       |            |                                                     |
| • according to DIN 40719 extendable after IEC 204-2                           |            | S                                                   |
| • according to DIN EN 61346-2                                                 |            | B                                                   |

#### Certificates/approvals:

| General Product Approval |  |  | Functional Safety /<br>Safety of<br>Machinery | Declaration of<br>Conformity |
|--------------------------|--|--|-----------------------------------------------|------------------------------|
|--------------------------|--|--|-----------------------------------------------|------------------------------|



CCC



GOST



UL



VDE



VDE



EG-Konf.

| Test Certificates | other |
|-------------------|-------|
|-------------------|-------|

[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/industrial-controls/mall>

##### CAX-Online-Generator

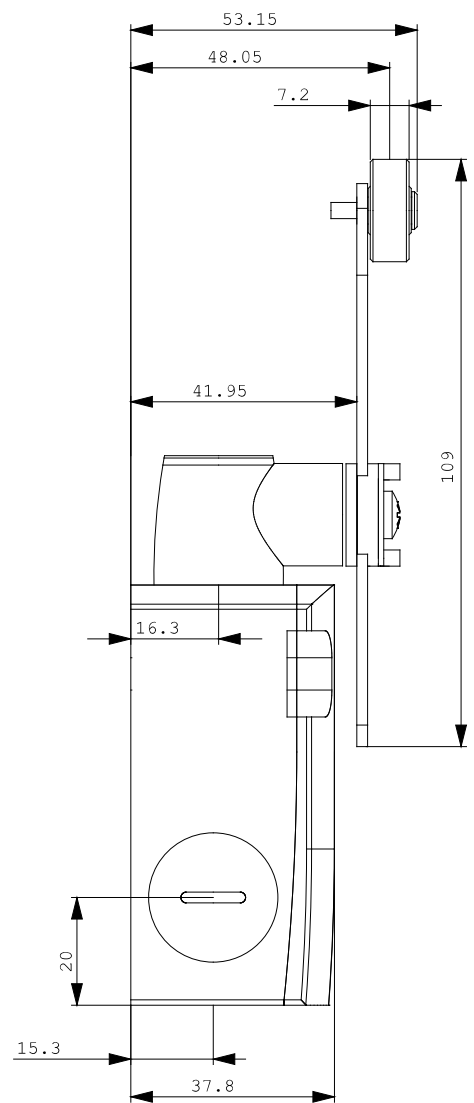
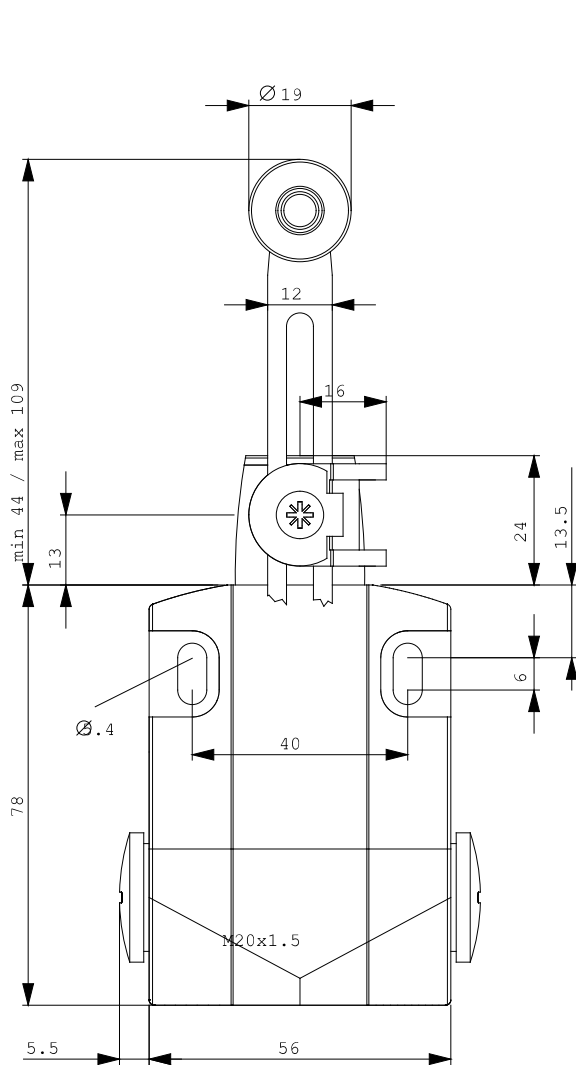
<http://www.siemens.com/cax>

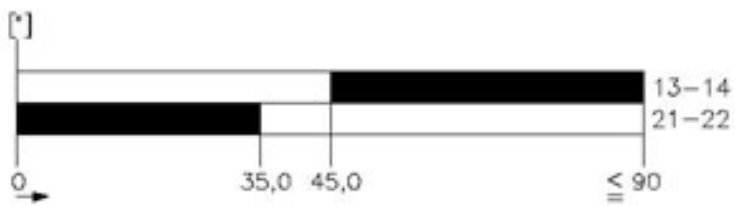
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5122-0BH50/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SE5122-0BH50](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5122-0BH50)





last change:

Feb 18, 2013