



Actuator head for position switch 3SE51 Roller lever metal lever with plastic roller  
22 mm functional at -40 °C

|                                                                                                                                                        |                                           |                   |                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------|-------------------|
| product brand name                                                                                                                                     | SIRIUS                                    |                   |                   |
| product designation                                                                                                                                    | actuator head for position switch         |                   |                   |
| product type designation                                                                                                                               | 3SE5                                      |                   |                   |
| General technical data                                                                                                                                 |                                           |                   |                   |
| product function positive opening                                                                                                                      | Yes                                       |                   |                   |
| shock resistance <ul style="list-style-type: none"><li>according to IEC 60068-2-27</li><li>for railway applications according to EN 61373</li></ul>    | 30g / 11 ms<br>Category 1, Class B        |                   |                   |
| vibration resistance <ul style="list-style-type: none"><li>according to IEC 60068-2-6</li><li>for railway applications according to EN 61373</li></ul> | 0.35 mm/5g<br>Category 1, Class B         |                   |                   |
| mechanical service life (operating cycles) typical                                                                                                     | 15 000 000                                |                   |                   |
| material of the enclosure of the switch head                                                                                                           | plastic                                   |                   |                   |
| reference code according to IEC 81346-2                                                                                                                | T                                         |                   |                   |
| active principle                                                                                                                                       | mechanical                                |                   |                   |
| Substance Prohibittance (Date)                                                                                                                         | 07/01/2006                                |                   |                   |
| Weight                                                                                                                                                 | 0.03 kg                                   |                   |                   |
| minimum actuating force in directions of actuation                                                                                                     | 10 N                                      |                   |                   |
| Ambient conditions                                                                                                                                     |                                           |                   |                   |
| ambient temperature <ul style="list-style-type: none"><li>during operation</li><li>during storage</li></ul>                                            | -40 ... +85 °C<br>-40 ... +90 °C          |                   |                   |
| explosion protection category for dust                                                                                                                 | none                                      |                   |                   |
| Enclosure                                                                                                                                              |                                           |                   |                   |
| coating of the enclosure                                                                                                                               | Other types                               |                   |                   |
| Drive Head                                                                                                                                             |                                           |                   |                   |
| design of the actuating element                                                                                                                        | Roller lever, metal lever, plastic roller |                   |                   |
| standard-compliant actuator head                                                                                                                       | EN 50041                                  |                   |                   |
| shape of the switch head                                                                                                                               | roller                                    |                   |                   |
| outer diameter of the switch head                                                                                                                      | 22 mm                                     |                   |                   |
| Installation/ mounting/ dimensions                                                                                                                     |                                           |                   |                   |
| mounting position                                                                                                                                      | any                                       |                   |                   |
| fastening method                                                                                                                                       | lockable plug-in fixing                   |                   |                   |
| design of the interface for safety-related communication                                                                                               | without                                   |                   |                   |
| Communication/ Protocol                                                                                                                                |                                           |                   |                   |
| design of the interface                                                                                                                                | without                                   |                   |                   |
| Approvals Certificates                                                                                                                                 |                                           |                   |                   |
| General Product Approval                                                                                                                               |                                           | Functional Safety | Test Certificates |



[Type Test Certificates/Test Report](#)

other

Environment



[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5000-0AE01-1AJ0>

Cax online generator

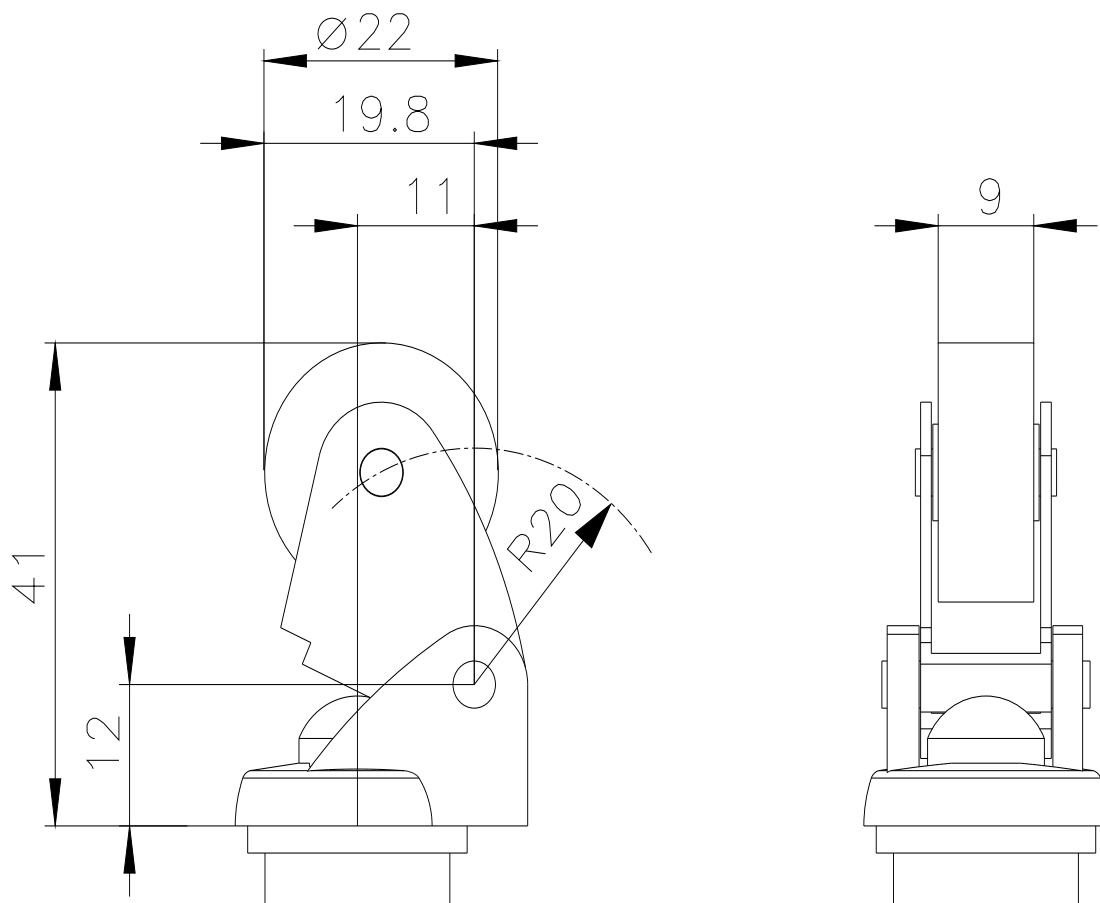
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5000-0AE01-1AJ0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5000-0AE01-1AJ0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5000-0AE01-1AJ0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5000-0AE01-1AJ0&lang=en)



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