

Position switch Plastic enclosure according to EN 50047, 31 mm  
 Device connection 1 x (M20 x 1.5) 1 NO/1 NC snap-action contacts  
 integrated (not replaceable) Rounded plunger Degree of protection  
 IP40, with Self-sealing grommet, Enclosure and Cover in black  
 without locking sheet metal, with accessories: Screws and holding  
 plate Customer-specific

|                                   |                              |
|-----------------------------------|------------------------------|
| <b>Product brand name</b>         | SIRIUS                       |
| <b>Product designation</b>        | Mechanical position switches |
| <b>Product type designation</b>   | 3SE5                         |
| Suitability for use safety switch | Yes                          |

### General technical data

|  |  |
|--|--|
| <b>Product function</b>  |  |
| <ul style="list-style-type: none"> <li>• positive opening</li> </ul>     | Yes  |
| <b>Degree of pollution</b>   | class 3  |
| <b>Thermal current</b>   | 10 A   |
| <b>Reference code acc. to DIN EN 61346-2</b>                             | B  |
| <b>Continuous current of the C characteristic MCB</b>                    | 1 A; for a short-circuit current smaller than 400 A  |
| <b>Continuous current of the quick DIAZED fuse link</b>                  | 10 A; for a short-circuit current smaller than 400 A |
| <b>Continuous current of the DIAZED fuse link gG</b>                     | 6 A  |
| <b>Active principle</b>  | mechanical   |
| <b>Repeat accuracy</b>   | 0.05 mm  |
| <b>Length of the sensor</b>  | 75.7 mm  |
| <b>Width of the sensor</b>   | 31 mm  |
| <b>Design of the switching contact</b>                                   | mechanical   |
| <b>Operating frequency rated value</b>                                   | 50 Hz  |
| <b>Number of NC contacts for auxiliary contacts</b>                      | 1  |
| <b>Number of NO contacts for auxiliary contacts</b>                      | 1  |
| <b>Number of CO contacts for auxiliary contacts</b>                      | 1  |
| <b>Operating current at AC-15</b>  |  |
| <ul style="list-style-type: none"> <li>• at 24 V rated value</li> </ul>  | 6 A  |
| <ul style="list-style-type: none"> <li>• at 240 V rated value</li> </ul> | 6 A  |
| <ul style="list-style-type: none"> <li>• at 400 V rated value</li> </ul> | 4 A  |
| <b>Operating current at DC-13</b>  |  |
| <ul style="list-style-type: none"> <li>• at 24 V rated value</li> </ul>  | 3 A  |
| <ul style="list-style-type: none"> <li>• at 125 V rated value</li> </ul> | 0.55 A   |
| <ul style="list-style-type: none"> <li>• at 250 V rated value</li> </ul> | 0.27 A   |
| <ul style="list-style-type: none"> <li>• at 400 V rated value</li> </ul> | 0.12 A   |
| <b>Design of the interface for safety-related communication</b>          | without  |

| Enclosure                 |               |
|---------------------------|---------------|
| Design of the housing     | block, narrow |
| Material of the enclosure | plastic       |
| Coating of the enclosure  | Other types   |

| Drive Head                                  |                                 |
|---|---------------------------------|
| Design of the operating mechanism           | Rounded plunger, Teflon plunger |
| Design of the switching function            | positive opening, integrated    |
| Circuit principle                           | snap-action contacts            |
| Number of switching contacts safety-related | 1                               |

| Connections/ Terminals   |   |
|--|---|
| Type of electrical connection  | screw-type terminals  |
| Type of connectable conductor cross-sections   |   |
| <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>• at AWG conductors solid</li> </ul>                  | 1x (20 ... 16), 2x (20 ... 18)  |
| <ul style="list-style-type: none"> <li>• at AWG conductors stranded</li> </ul>               | 1x (20 ... 16), 2x (20 ... 18)  |

| Communication/ Protocol |         |
|-------------------------|---------|
| Design of the interface | without |

| Ambient conditions                     |      |
|--|------|
| Explosion protection category for dust | none |

| Installation/ mounting/ dimensions |              |
|------------------------------------|--------------|
| Mounting position                  | any          |
| Mounting type                      | screw fixing |

### Certificates/ approvals

| General Product Approval   | Declaration of Conformity   |
|--|---|
|  CCC<br> CSA<br> UL<br> UR |  EAC<br> CE<br>EG-Konf. |

| Declaration of Conformity     | other                        |
|-------------------------------|------------------------------|
| <a href="#">Miscellaneous</a> | <a href="#">Confirmation</a> |

### Further information

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

[www.siemens.com/sirius/catalogs](http://www.siemens.com/sirius/catalogs)

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5282-0HC05-8RA1>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5282-0HC05-8RA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5282-0HC05-8RA1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5282-0HC05-8RA1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5282-0HC05-8RA1&lang=en)

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