



Figure similar

hinge switch molded-plastic enclosure with stainless steel hinge, 2 NC contacts/1 NO contact, for 40 mm profiles, supplied with additional hinge and fixing accessories, actuating angle 4°

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| product brand name                                 | SIRIUS                             |
| product designation                                | safety position switch             |
| product type designation                           | <a href="#">3SE228</a>             |
| suitability for use safety switch                  | Yes                                |
| <b>General technical data</b>                      |                                    |
| product function positive opening                  | Yes                                |
| insulation voltage rated value                     | 250 V                              |
| surge voltage resistance rated value               | 4 kV                               |
| protection class IP                                | IP65                               |
| shock resistance                                   | 30g / 18 ms                        |
| vibration resistance                               | 10 ... 200 Hz: 20g                 |
| mechanical service life (operating cycles) typical | 1 000 000                          |
| thermal current                                    | 2.5 A                              |
| reference code according to IEC 81346-2            | B                                  |
| active principle                                   | mechanical                         |
| Substance Prohibitance (Date)                      | 07/01/2006                         |
| Weight                                             | 0.8 kg                             |
| length of the sensor                               | 92 mm                              |
| width of the sensor                                | 111.5 mm                           |
| <b>Ambient conditions</b>                          |                                    |
| ambient temperature                                |                                    |
| • during operation                                 | -25 ... +65 °C                     |
| explosion protection category for dust             | none                               |
| design of the switching contact                    | mechanical                         |
| number of NC contacts for auxiliary contacts       | 2                                  |
| number of NO contacts for auxiliary contacts       | 1                                  |
| operational current at AC-15                       |                                    |
| • at 125 V rated value                             | 4.2 A                              |
| • at 230 V rated value                             | 2 A                                |
| operational current at DC-13                       |                                    |
| • at 24 V rated value                              | 1 A                                |
| <b>Enclosure</b>                                   |                                    |
| design of the housing                              | special design                     |
| material of the enclosure                          | glass fiber reinforced thermoplast |
| coating of the enclosure                           | none                               |
| design of the housing according to standard        | No                                 |
| <b>Drive Head</b>                                  |                                    |
| design of the actuating element                    | rotary actuator                    |
| design of the switching function                   | positive opening                   |

|                                                          |                      |                   |                      |
|----------------------------------------------------------|----------------------|-------------------|----------------------|
| circuit principle                                        | slow-action contacts |                   |                      |
| number of switching contacts safety-related              | 2                    |                   |                      |
| cable entry type                                         | 2x (M20 x 1.5)       |                   |                      |
| Installation/ mounting/ dimensions                       |                      |                   |                      |
| fastening method                                         | screw fixing         |                   |                      |
| Connections/ Terminals                                   |                      |                   |                      |
| type of electrical connection                            | screw terminal       |                   |                      |
| type of connectable conductor cross-sections             |                      |                   |                      |
| • finely stranded with core end processing               | 1x (0,5 ... 1 mm²)   |                   |                      |
| design of the interface for safety-related communication | without              |                   |                      |
| Communication/ Protocol                                  |                      |                   |                      |
| design of the interface                                  | without              |                   |                      |
| Approvals Certificates                                   |                      |                   |                      |
| General Product Approval                                 |                      | Test Certificates | Maritime application |



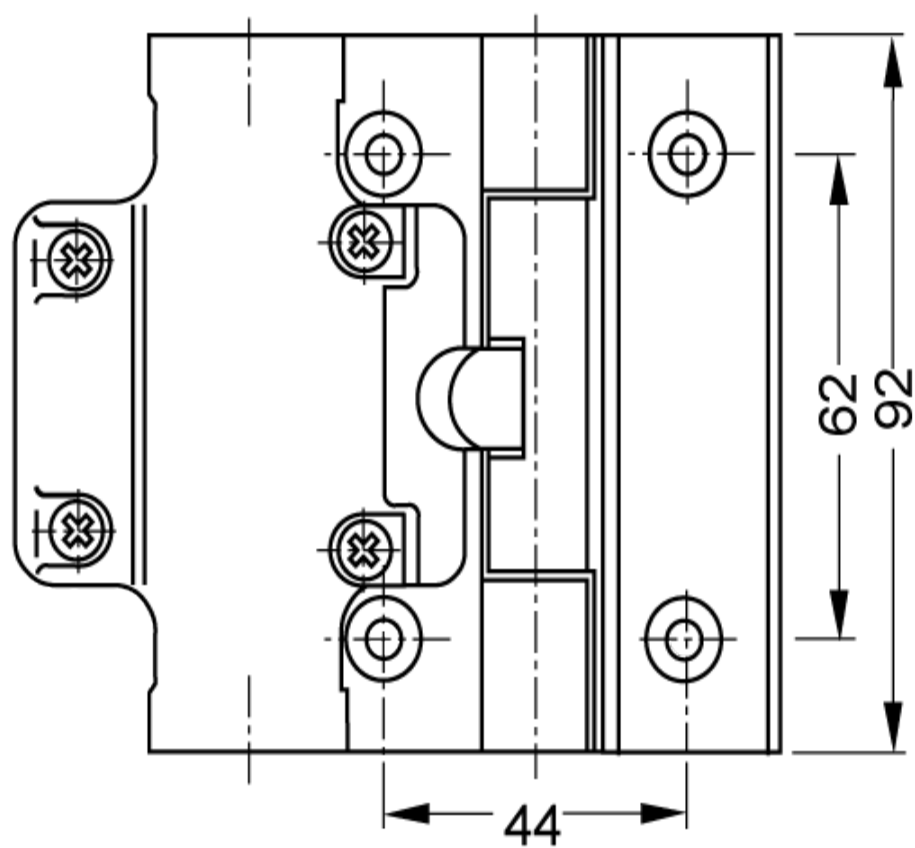
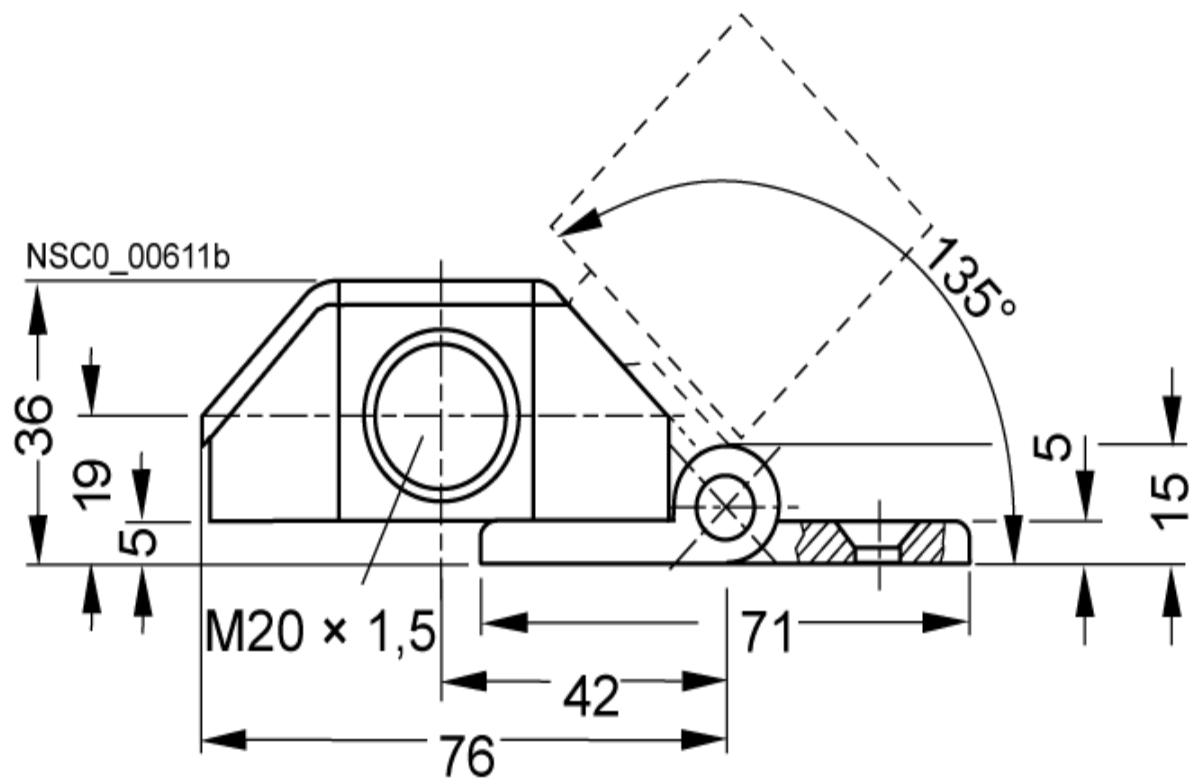
[Miscellaneous](#)

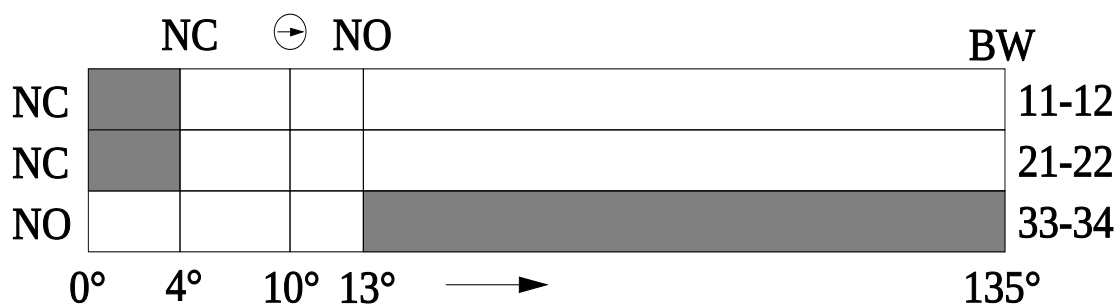
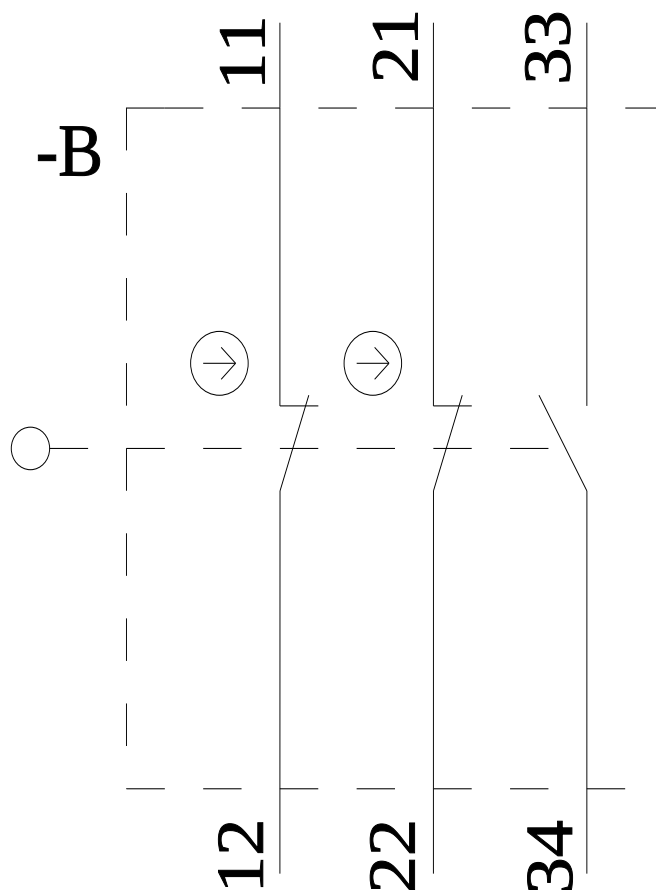


|       |                                             |
|-------|---------------------------------------------|
| other | Environment                                 |
|       | <a href="#">Confirmation</a>                |
|       | <a href="#">Environmental Confirmations</a> |

#### 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=3SE2283-0GA44>  
Cax online generator  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2283-0GA44>  
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/3SE2283-0GA44>  
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE2283-0GA44&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2283-0GA44&lang=en)





NC Öffnerkontakt / NC contact

NO Schließerkontakt / NO contact

➔ Betätigungsrichtung / Travel

BW Betätigungsweg / Actuator travel

⊙ Zwangsöffnung nach / positive opening operation according to EN 60967-5-1

■ Schaltglied geschlossen / Contact element closed

□ Schaltglied geöffnet / Contact element open