



Figure similar

Safety position switch with separate actuator Molded-plastic enclosure, lateral and face-end operation Slow-action contacts 1 NO+2 NC, 3 x (M16 x 1.5) Pull-out force 30 N Supplied without actuator

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| product brand name                                 | SIRIUS                             |
| product designation                                | safety position switch             |
| product type designation                           | 3SE22                              |
| suitability for use safety switch                  | Yes                                |
| General technical data                             |                                    |
| insulation voltage rated value                     | 500 V                              |
| surge voltage resistance rated value               | 6 kV                               |
| protection class IP                                | IP67                               |
| mechanical service life (operating cycles) typical | 1 000 000                          |
| thermal current                                    | 10 A                               |
| reference code according to IEC 81346-2            | B                                  |
| active principle                                   | mechanical                         |
| Substance Prohibitance (Date)                      | 07/01/2006                         |
| SVHC substance name                                | Lead - 7439-92-1                   |
| Weight                                             | 0.15 kg                            |
| length of the sensor                               | 90 mm                              |
| width of the sensor                                | 52 mm                              |
| Ambient conditions                                 |                                    |
| ambient temperature                                |                                    |
| • during operation                                 | -30 ... +80 °C                     |
| • during storage                                   | -30 ... +80 °C                     |
| explosion protection category for dust             | none                               |
| design of the switching contact                    | mechanical                         |
| operating frequency rated value                    | 60 ... 50 Hz                       |
| number of NC contacts for auxiliary contacts       | 2                                  |
| number of NO contacts for auxiliary contacts       | 1                                  |
| operational current at AC-15                       |                                    |
| • at 230 V rated value                             | 4 A                                |
| operational current at DC-13                       |                                    |
| • at 24 V rated value                              | 4 A                                |
| Enclosure                                          |                                    |
| design of the housing                              | wide                               |
| material of the enclosure                          | glass fiber reinforced thermoplast |
| coating of the enclosure                           | Other types                        |
| design of the housing according to standard        | No                                 |
| Drive Head                                         |                                    |
| design of the actuating element                    | without                            |
| design of the switching function                   | positive opening                   |

|                                                          |                                    |
|----------------------------------------------------------|------------------------------------|
| circuit principle                                        | slow-action contacts               |
| number of switching contacts safety-related              | 2                                  |
| cable entry type                                         | 3x (M16 x 1.5)                     |
| <b>Installation/ mounting/ dimensions</b>                |                                    |
| mounting position                                        | any                                |
| fastening method                                         | screw fixing                       |
| <b>Connections/ Terminals</b>                            |                                    |
| type of electrical connection                            | screw terminal                     |
| type of connectable conductor cross-sections             |                                    |
| • solid                                                  | 2x (0.75 ... 2.5 mm <sup>2</sup> ) |
| • finely stranded with core end processing               | 2x (0.75 ... 2.5 mm <sup>2</sup> ) |
| design of the interface for safety-related communication | without                            |
| <b>Communication/ Protocol</b>                           |                                    |
| design of the interface                                  | without                            |
| <b>Approvals Certificates</b>                            |                                    |
| General Product Approval                                 | Test Certificates                  |



[Miscellaneous](#)

|                      |       |             |
|----------------------|-------|-------------|
| Maritime application | 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=3SE2243-0XX18>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2243-0XX18>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2243-0XX18>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE2243-0XX18&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2243-0XX18&lang=en)

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