



Momentary-contact foot switch, 1-pedal without cover, without latching Metal enclosure IP65, 2 NO+2 NC, Cable entry M20 x 1.5

|                                                    |                               |
|----------------------------------------------------|-------------------------------|
| product brand name                                 | SIRIUS                        |
| product designation                                | momentary-contact foot switch |
| product type designation                           | 3SE29                         |
| suitability for use safety switch                  | No                            |
| <b>General technical data</b>                      |                               |
| mechanical service life (operating cycles) typical | 1 000 000                     |
| reference code according to IEC 81346-2            | S                             |
| Substance Prohibitance (Date)                      | 07/01/2006                    |
| SVHC substance name                                | Lead - 7439-92-1              |
| Weight                                             | 0.72 kg                       |
| number of switching steps                          | 1                             |
| number of the actuation pedals                     | 1                             |
| minimum actuating force in directions of actuation | 20 N                          |
| <b>Ambient conditions</b>                          |                               |
| ambient temperature during operation               | -25 ... +80 °C                |
| number of NC contacts for auxiliary contacts       | 2                             |
| number of NO contacts for auxiliary contacts       | 2                             |
| operational current at AC-15                       |                               |
| • at 230 V rated value                             | 6 A                           |
| • at 400 V rated value                             | 6 A                           |
| operational current at DC-13                       |                               |
| • at 24 V rated value                              | 3 A                           |
| • at 250 V rated value                             | 0.25 A                        |
| <b>Enclosure</b>                                   |                               |
| material of the enclosure                          | metal                         |
| color                                              |                               |
| • of the enclosure                                 | black                         |
| • of the enclosure top part                        | grey                          |
| <b>Actuator</b>                                    |                               |
| product feature                                    |                               |
| • interlock                                        | No                            |
| • latching                                         | No                            |
| cable entry type                                   | M20 x 1.5                     |
| <b>Installation/ mounting/ dimensions</b>          |                               |
| height                                             | 70 mm                         |
| width                                              | 70 mm                         |
| depth                                              | 220 mm                        |
| <b>Safety related data</b>                         |                               |
| proportion of dangerous failures                   |                               |
| • with low demand rate according to SN 31920       | 50 %                          |

|                                                                         |           |
|-------------------------------------------------------------------------|-----------|
| • with high demand rate according to SN 31920                           | 50 %      |
| <b>B10 value with high demand rate according to SN 31920</b>            | 1 000 000 |
| <b>failure rate [FIT] with low demand rate according to SN 31920</b>    | 100 FIT   |
| IEC 61508                                                               |           |
| T1 value for proof test interval or service life according to IEC 61508 | 20 a      |

#### Approvals Certificates

|                          |                   |
|--------------------------|-------------------|
| General Product Approval | Test Certificates |
|--------------------------|-------------------|



[Confirmation](#)



[Miscellaneous](#)

|                   |       |             |
|-------------------|-------|-------------|
| Marine / Shipping | other | Environment |
|-------------------|-------|-------------|



[Confirmation](#)

[Environmental Confirmations](#)

#### Further information

Information on the packaging

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

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=3SE2903-1AB20>

Cax online generator

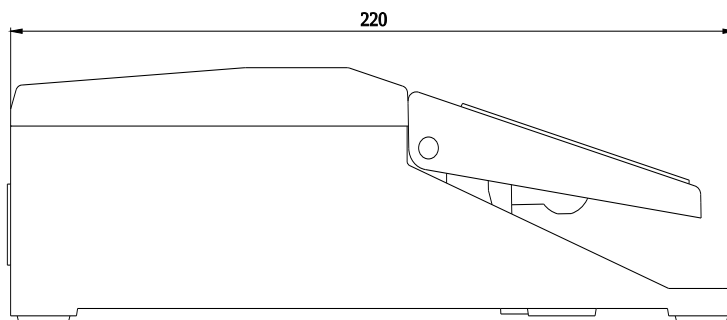
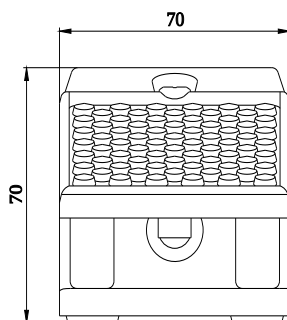
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2903-1AB20>

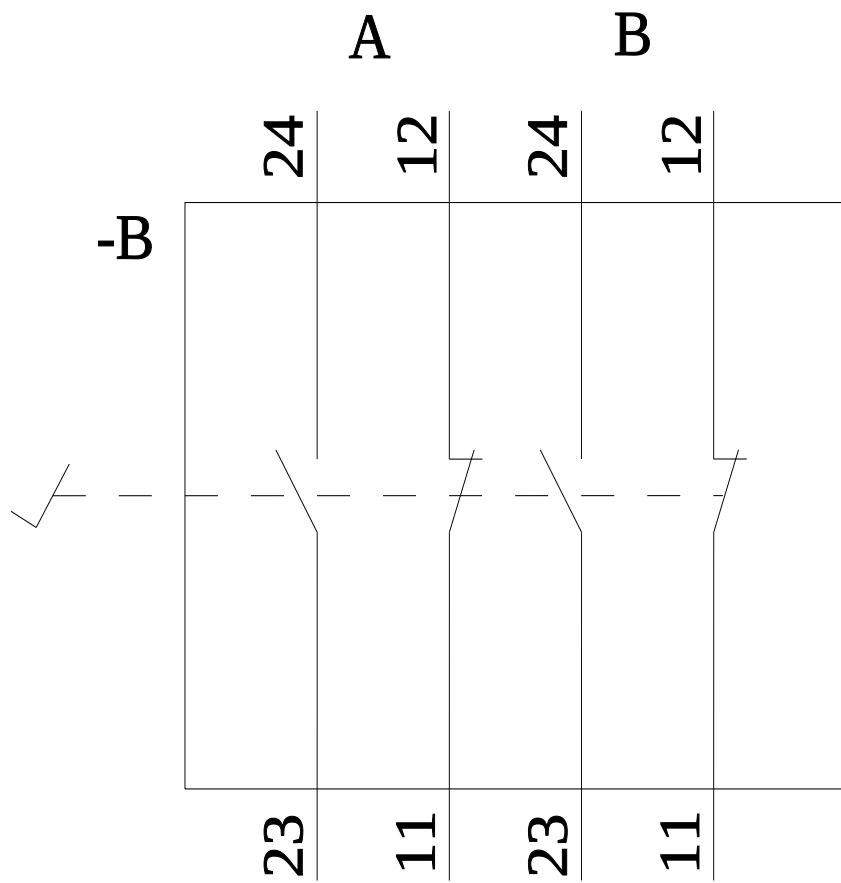
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2903-1AB20>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE2903-1AB20&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2903-1AB20&lang=en)





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