



auxiliary switch, solid-state compatible, on the front, 2 NO, .3/.4, --/--, --/--, .3/.4, current path: 1 NO (solid-state compatible), --, --, 1 NO (solid-state compatible), ring cable lug connection, for contactors 3RT2 and contactor relays 3RH2

|                                                                   |                                                                                   |
|-------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| product brand name                                                | SIRIUS                                                                            |
| product category                                                  | Auxiliary switch                                                                  |
| product designation                                               | auxiliary switch                                                                  |
| design of the product                                             | for snapping onto the front                                                       |
| product type designation                                          | 3RH29                                                                             |
| suitability for use                                               | for 3RT2.1, 3RT2.2, 3RT2.3, 3RT2.4, 3RH2                                          |
| <b>General technical data</b>                                     |                                                                                   |
| insulation voltage with degree of pollution 3 at AC rated value   | 690 V                                                                             |
| surge voltage resistance rated value                              | 6 kV                                                                              |
| protection class IP on the front                                  | IP00                                                                              |
| mechanical service life (operating cycles) typical                | 5 000 000                                                                         |
| Substance Prohibittance (Date)                                    | 10/01/2009                                                                        |
| Weight                                                            | 0.041 kg                                                                          |
| number of NC contacts for auxiliary contacts                      |                                                                                   |
| • instantaneous contact                                           | 0                                                                                 |
| • lagging switching                                               | 0                                                                                 |
| number of NO contacts for auxiliary contacts                      |                                                                                   |
| • instantaneous contact                                           | 2                                                                                 |
| • leading contact                                                 | 0                                                                                 |
| number of CO contacts of auxiliary contacts instantaneous contact | 0                                                                                 |
| operational current of auxiliary contacts at DC-13                |                                                                                   |
| • at 24 V                                                         | 0.3 A                                                                             |
| • at 48 V                                                         | 0.3 A                                                                             |
| • at 60 V                                                         | 0.3 A                                                                             |
| contact reliability of auxiliary contacts                         | one incorrect switching operation of 100 million switching operations (5 V, 1 mA) |
| <b>Ambient conditions</b>                                         |                                                                                   |
| ambient temperature                                               |                                                                                   |
| • during operation                                                | -25 ... +60 °C                                                                    |
| • during storage                                                  | -55 ... +80 °C                                                                    |
| <b>Environmental footprint</b>                                    |                                                                                   |
| Environmental Product Declaration (EPD)                           | Yes                                                                               |
| global warming potential [CO2 eq] total                           | 0.397 kg                                                                          |
| global warming potential [CO2 eq] during manufacturing            | 0.375 kg                                                                          |
| global warming potential [CO2 eq] during operation                | 0.0014 kg                                                                         |
| global warming potential [CO2 eq] after end of life               | 0.02 kg                                                                           |
| <b>Safety related data</b>                                        |                                                                                   |
| product function                                                  |                                                                                   |
| • mirror contact according to IEC 60947-4-1                       | Yes; with 3RT2.2/3/4                                                              |
| • positively driven operation according to IEC 60947-5-1          | No                                                                                |

| Short-circuit protection                                                              |                                |
|---------------------------------------------------------------------------------------|--------------------------------|
| design of the fuse link for short-circuit protection of the auxiliary switch required | FF microfuse 2 A (250 V, 1 kA) |
| Installation/ mounting/ dimensions                                                    |                                |
| fastening method                                                                      | snap-on mounting               |
| height                                                                                | 37.5 mm                        |
| width                                                                                 | 36 mm                          |
| depth                                                                                 | 43.7 mm                        |
| Connections/ Terminals                                                                |                                |
| type of electrical connection for auxiliary and control circuit                       | ring terminal lug connection   |
| Approvals Certificates                                                                |                                |
| General Product Approval                                                              | EMV                            |



| Functional Safety | Test Certificates | Maritime application |
|-------------------|-------------------|----------------------|
|-------------------|-------------------|----------------------|

[Type Examination Certificate](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



| Maritime application | other |
|----------------------|-------|
|----------------------|-------|



[Miscellaneous](#)



[Confirmation](#)



| Railway | Environment |
|---------|-------------|
|---------|-------------|

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



[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=3RH2911-4NF20>

Cax online generator

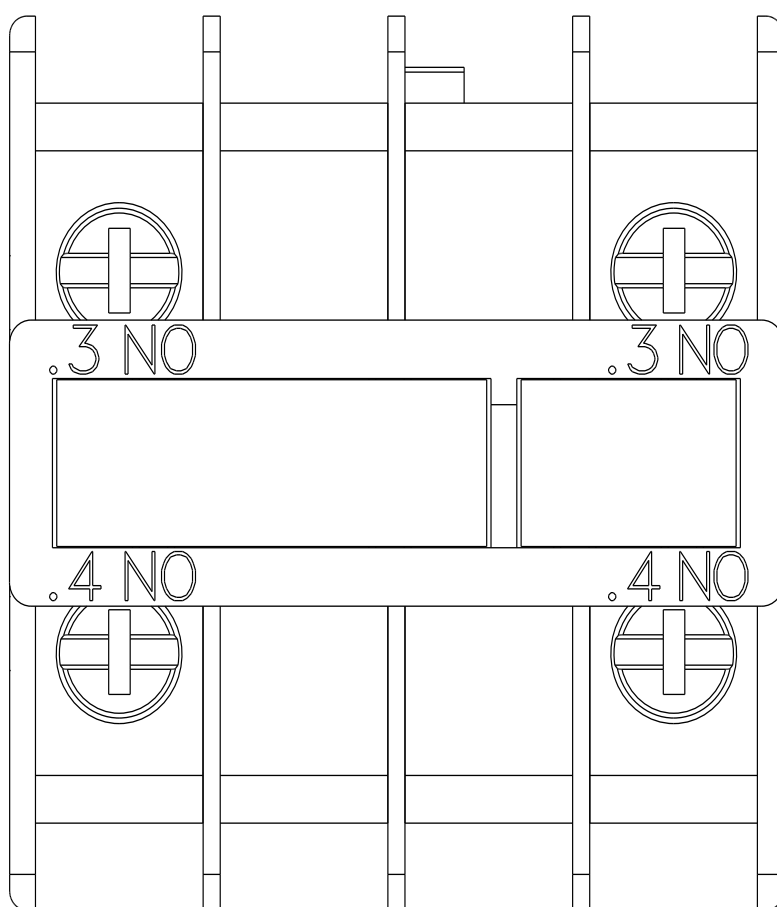
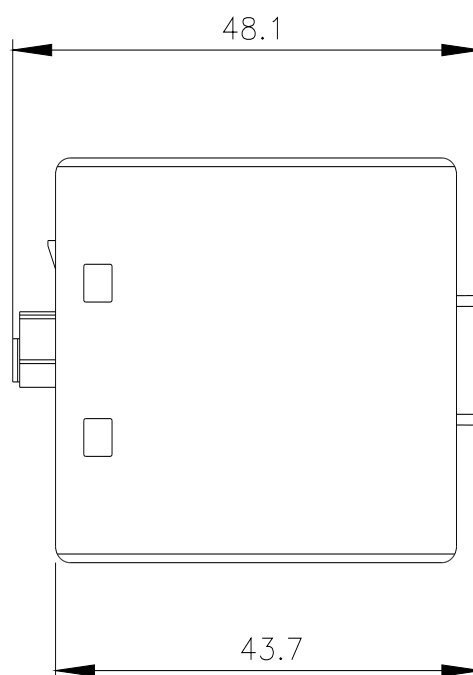
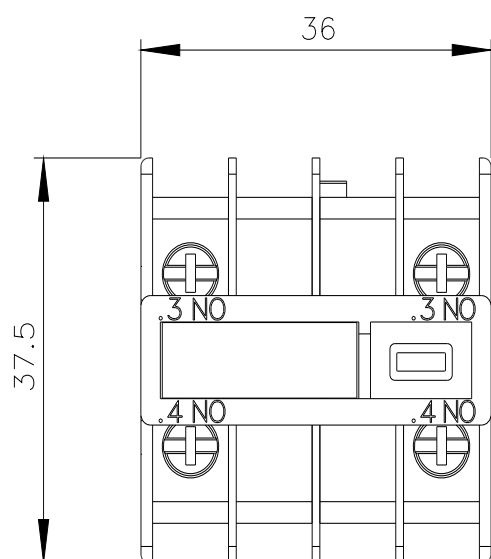
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-4NF20>

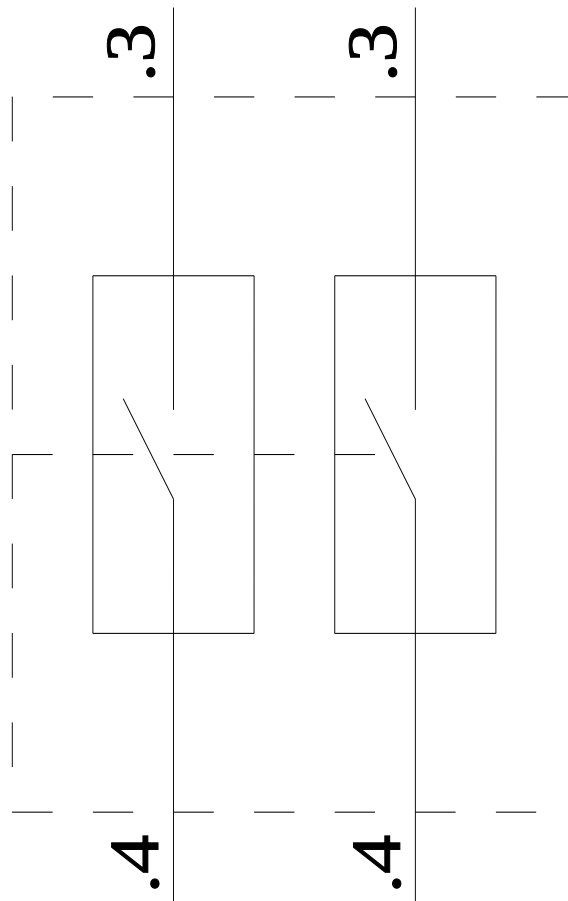
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-4NF20>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH2911-4NF20&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-4NF20&lang=en)





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