



Auxiliary switch on the front, 2 NO + 2 NC Current path 1 NC, 1 NC, 1 NO, 1 NO for 3RH and 3RT Ring cable lug connection .1/.2, .1/.2, .3/.4, .3/.4

| General technical data                                            |                                                 |
|-------------------------------------------------------------------|-------------------------------------------------|
| product brand name                                                | SIRIUS                                          |
| suitability for use                                               | Contactor relay and power contactor             |
| protection class IP on the front                                  | IP00                                            |
| ambient temperature                                               |                                                 |
| • during storage                                                  | -55 ... +80 °C                                  |
| • during operation                                                | -25 ... +60 °C                                  |
| mechanical service life (operating cycles) typical                | 10 000 000                                      |
| electrical endurance (operating cycles) at AC-15 at 230 V typical | 200 000                                         |
| contact reliability of auxiliary contacts                         | 1 faulty switching per 100 million (17 V, 1 mA) |
| insulation voltage with degree of pollution 3 at AC rated value   | 690 V                                           |
| surge voltage resistance rated value                              | 6 kV                                            |
| Auxiliary circuit                                                 |                                                 |
| number of NC contacts for auxiliary contacts                      |                                                 |
| • instantaneous contact                                           | 2                                               |
| • lagging switching                                               | 0                                               |
| number of NO contacts for auxiliary contacts                      |                                                 |
| • instantaneous contact                                           | 2                                               |
| • leading contact                                                 | 0                                               |
| operational current of auxiliary contacts at AC-12                |                                                 |
| • at 24 V                                                         | 10 A                                            |
| • at 230 V                                                        | 10 A                                            |
| • maximum                                                         | 10 A                                            |
| operational current                                               |                                                 |
| • of auxiliary contacts                                           |                                                 |
| — at AC-14                                                        |                                                 |
| — at 125 V                                                        | 6 A                                             |
| — at 250 V                                                        | 6 A                                             |
| — at AC-15                                                        |                                                 |
| — at 24 V                                                         | 6 A                                             |
| — at 230 V                                                        | 6 A                                             |
| — at 400 V                                                        | 3 A                                             |
| • at AC-15 at 690 V rated value                                   | 1 A                                             |
| operational current                                               |                                                 |
| • of auxiliary contacts at DC-12                                  |                                                 |
| — at 24 V                                                         | 10 A                                            |
| — at 110 V                                                        | 3 A                                             |
| — at 220 V                                                        | 1 A                                             |
| • with 2 current paths in series at DC-12                         |                                                 |
| — at 24 V rated value                                             | 10 A                                            |

|                                                                         |                              |
|-------------------------------------------------------------------------|------------------------------|
| — at 60 V rated value                                                   | 10 A                         |
| — at 110 V rated value                                                  | 4 A                          |
| — at 220 V rated value                                                  | 2 A                          |
| — at 440 V rated value                                                  | 1.3 A                        |
| — at 600 V rated value                                                  | 0.65 A                       |
| • with 3 current paths in series at DC-12                               |                              |
| — at 24 V rated value                                                   | 10 A                         |
| — at 60 V rated value                                                   | 10 A                         |
| — at 110 V rated value                                                  | 10 A                         |
| — at 220 V rated value                                                  | 3.6 A                        |
| — at 440 V rated value                                                  | 2.5 A                        |
| — at 600 V rated value                                                  | 1.8 A                        |
| <b>operational current</b>                                              |                              |
| • of auxiliary contacts at DC-13                                        |                              |
| — at 24 V                                                               | 6 A                          |
| — at 60 V                                                               | 2 A                          |
| — at 110 V                                                              | 1 A                          |
| — at 220 V                                                              | 0.3 A                        |
| • with 2 current paths in series at DC-13                               |                              |
| — at 24 V rated value                                                   | 10 A                         |
| — at 60 V rated value                                                   | 3.5 A                        |
| — at 110 V rated value                                                  | 1.3 A                        |
| — at 220 V rated value                                                  | 0.9 A                        |
| — at 440 V rated value                                                  | 0.2 A                        |
| — at 600 V rated value                                                  | 0.1 A                        |
| • with 3 current paths in series at DC-13                               |                              |
| — at 24 V rated value                                                   | 10 A                         |
| — at 60 V rated value                                                   | 4.7 A                        |
| — at 110 V rated value                                                  | 3 A                          |
| — at 220 V rated value                                                  | 1.2 A                        |
| — at 440 V rated value                                                  | 0.5 A                        |
| — at 600 V rated value                                                  | 0.26 A                       |
| <b>Installation/ mounting/ dimensions</b>                               |                              |
| fastening method                                                        | snap-on mounting             |
| width                                                                   | 36 mm                        |
| height                                                                  | 37.5 mm                      |
| depth                                                                   | 43.7 mm                      |
| <b>Connections/ Terminals</b>                                           |                              |
| type of electrical connection for auxiliary and control circuit         | ring terminal lug connection |
| <b>Safety related data</b>                                              |                              |
| product function mirror contact according to IEC 60947-4-1              | Yes                          |
| • note                                                                  | with 3RT2                    |
| product function positively driven operation according to IEC 60947-5-1 | Yes                          |
| • note                                                                  | with 3RH2                    |
| <b>Certificates/ approvals</b>                                          |                              |
| <b>General Product Approval</b>                                         |                              |



[Confirmation](#)



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|     |                                       |                           |                   |
|-----|---------------------------------------|---------------------------|-------------------|
| EMC | Functional Safety/Safety of Machinery | Declaration of Conformity | Test Certificates |
|-----|---------------------------------------|---------------------------|-------------------|



[Type Examination Certificate](#)



[Type Test Certificates/Test Report](#)

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## Marine / Shipping



## Marine / Shipping

other

## Railway

## Environment



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## Further information

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=3RH2911-4HA22>

Cax online generator

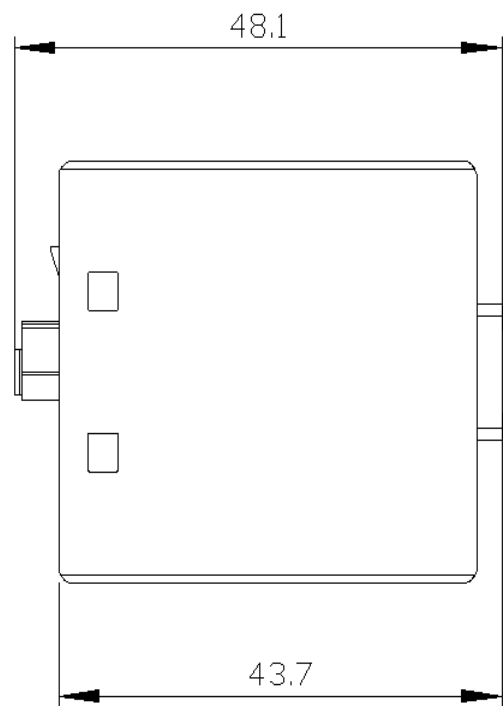
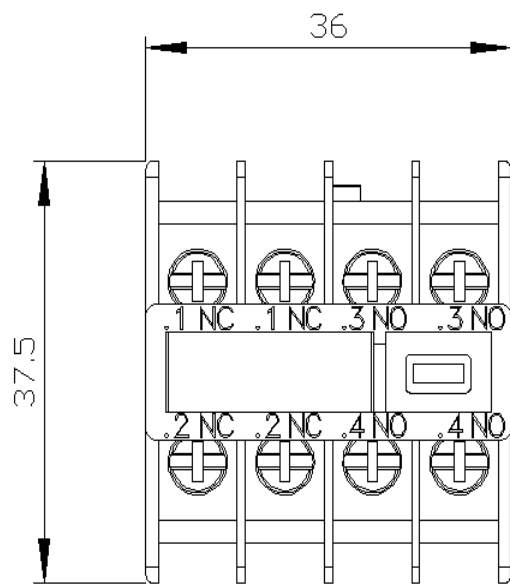
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-4HA22>

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

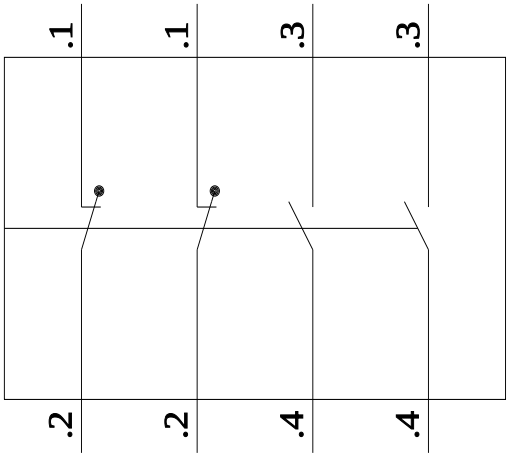
<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-4HA22>

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

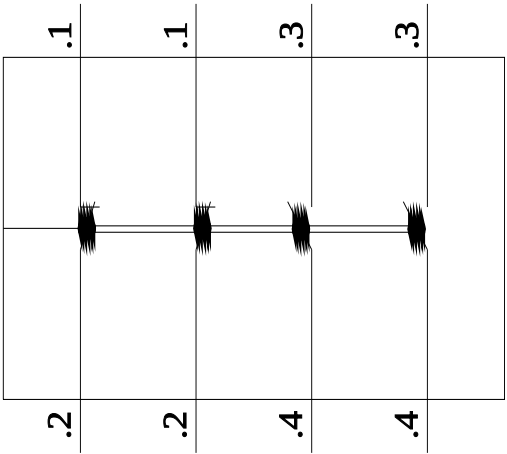
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH2911-4HA22&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-4HA22&lang=en)



3RT2



3RH2



last modified:

1/27/2022