

Electron. contr. auxiliary switch on the front, 1 NO + 1 NC Current path 1 NO, 1 NC for 3RH and 3RT spring-type terminal .3/.4, --/--, --/--, .1/.2



| General technical data                                                                                                                       |                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Product brand name                                                                                                                           | SIRIUS                                                                            |
| Suitability for use                                                                                                                          | Contactor relay and power contactor                                               |
| Protection class IP on the front                                                                                                             | IP20                                                                              |
| Ambient temperature <ul style="list-style-type: none"><li>during storage</li><li>during operation</li></ul>                                  | <div>-55 ... +80 °C</div> <div>-25 ... +60 °C</div>                               |
| Mechanical service life (switching cycles) typical                                                                                           | 5 000 000                                                                         |
| Contact reliability                                                                                                                          | one incorrect switching operation of 100 million switching operations (5 V, 1 mA) |
| Contact reliability of auxiliary contacts                                                                                                    | one incorrect switching operation of 100 million switching operations (5 V, 1 mA) |
| Insulation voltage with degree of pollution 3 rated value                                                                                    | 690 V                                                                             |
| Surge voltage resistance rated value                                                                                                         | 6 kV                                                                              |
| Auxiliary circuit                                                                                                                            |                                                                                   |
| Number of NC contacts for auxiliary contacts <ul style="list-style-type: none"><li>instantaneous contact</li><li>lagging switching</li></ul> | <div>1</div> <div>0</div>                                                         |

|                                                     |       |
|-----------------------------------------------------|-------|
| <b>Number of NO contacts for auxiliary contacts</b> |       |
| • instantaneous contact                             | 1     |
| • leading contact                                   | 0     |
| <b>Operating current</b>                            |       |
| • of auxiliary contacts at DC-13                    |       |
| — at 24 V                                           | 0.3 A |
| — at 60 V                                           | 0.3 A |

| Installation/ mounting/ dimensions |                  |
|------------------------------------|------------------|
| <b>Mounting type</b>               | snap-on mounting |
| <b>Width</b>                       | 36 mm            |
| <b>Height</b>                      | 41.5 mm          |
| <b>Depth</b>                       | 47.7 mm          |

| Connections/Terminals                                                          |                                   |
|--------------------------------------------------------------------------------|-----------------------------------|
| <b>Type of electrical connection for auxiliary and control current circuit</b> | spring-loaded terminals           |
| <b>Type of connectable conductor cross-sections</b>                            |                                   |
| • for auxiliary contacts                                                       |                                   |
| — finely stranded                                                              |                                   |
| — with core end processing                                                     | 2x (0.5 ... 1.5 mm <sup>2</sup> ) |
| — without core end processing                                                  | 2x (0.5 ... 2.5 mm <sup>2</sup> ) |
| • at AWG conductors for auxiliary contacts                                     | 2x (20 ... 14)                    |

| Safety related data                                                       |             |
|---------------------------------------------------------------------------|-------------|
| <b>Product function Mirror contact acc. to IEC 60947-4-1</b>              | Yes         |
| • Note                                                                    | with 3RT2.2 |
| <b>Product function positively driven operation acc. to IEC 60947-5-1</b> | No          |

| Certificates/approvals |  |
|------------------------|--|
|------------------------|--|

| General Product Approval                                                                 |                                                                                          |                                                                                         |                                                                                   | Declaration of Conformity                                                                       | Test Certificates                                  |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <br>CCC | <br>CSA | <br>UL |  | <br>EG-Konf. | <a href="#">Type Test Certificates/Test Report</a> |

| Test Certificates                        | Shipping Approval                                                                        |                                                                                                     |                                                                                          |                                                                                            |                                                                                             |
|------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <a href="#">Special Test Certificate</a> | <br>ABS | <br>BUREAU VERITAS | <br>LRS | <br>PRS | <br>RINA |

| Shipping Approval                                                                         | other                                                                                                                    | Railway                             |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <br>RMRS | <a href="#">Confirmation</a><br><br>VDE | <a href="#">Vibration and Shock</a> |

#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH2911-2NF11>

##### Cax online generator

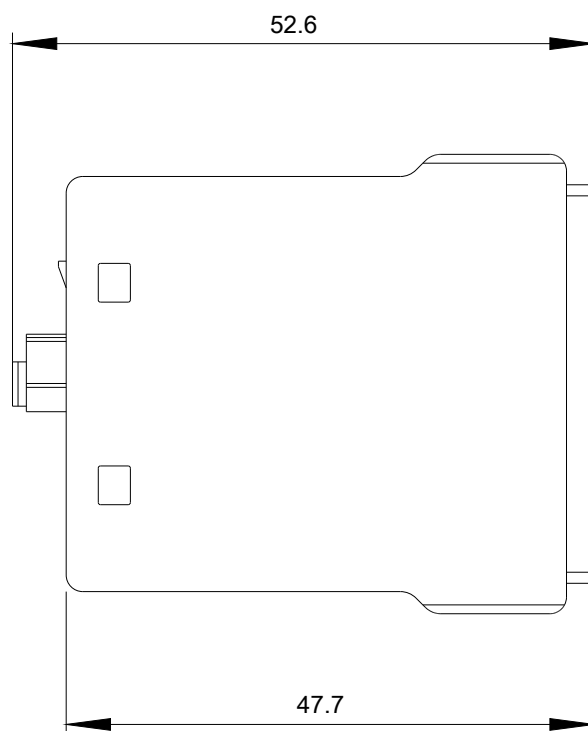
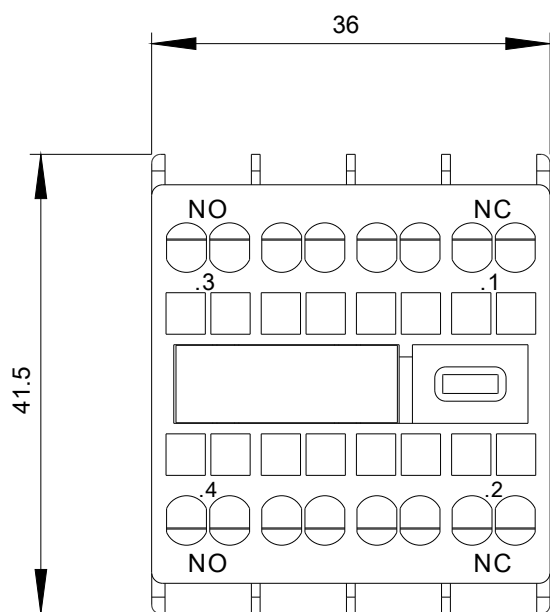
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-2NF11>

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

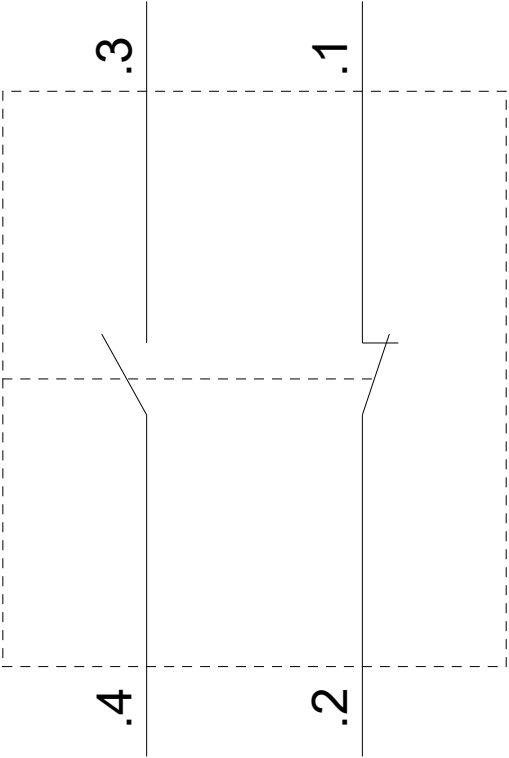
<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-2NF11>

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

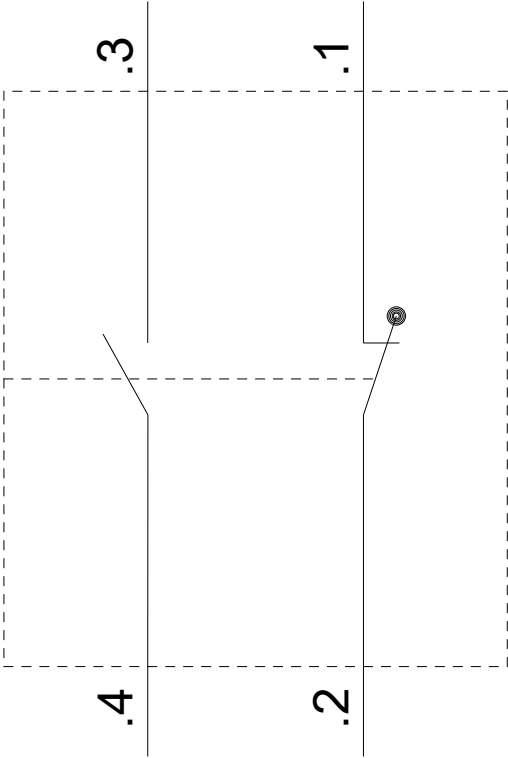
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH2911-2NF11&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-2NF11&lang=en)



3RT2.1



3RT2.2/3/4



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