








auxiliary switch, solid-state compatible, on the front, 4 NO, .3/.4, .3/.4, .3/.4, .3/.4, current path: 1 NO (solid-state compatible), 1 NO, 1 NO, 1 NO, spring-loaded terminal, for contactors 3RT2

| | |
|--|---|
| 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 |
| General technical data | |
| 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 | IP20 |
| mechanical service life (operating cycles) typical | 5 000 000 |
| Weight | 0.06 kg |
| number of NC contacts for auxiliary contacts | |
| • instantaneous contact | 0 |
| • lagging switching | 0 |
| number of NO contacts for auxiliary contacts | |
| • instantaneous contact | 4 |
| • 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) |
| Ambient conditions | |
| ambient temperature | |
| • during operation | -25 ... +60 °C |
| • during storage | -55 ... +80 °C |
| Environmental footprint | |
| 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 |
| Safety related data | |
| product function | |
| • mirror contact according to IEC 60947-4-1 | No |
| • positively driven operation according to IEC 60947-5-1 | No |




| Installation/ mounting/ dimensions | |
|------------------------------------|------------------|
| fastening method | snap-on mounting |
| height | 41.5 mm |
| width | 36 mm |
| depth | 47.7 mm |

| Connections/ Terminals | |
|---|-----------------------------------|
| type of electrical connection for auxiliary and control circuit | spring-loaded terminals |
| connectable conductor cross-section for auxiliary contacts | |
| <ul style="list-style-type: none"> • solid or stranded | 0.5 ... 2.5 mm ² |
| <ul style="list-style-type: none"> • finely stranded with core end processing | 0.5 ... 2.5 mm ² |
| <ul style="list-style-type: none"> • finely stranded without core end processing | 0.5 ... 2.5 mm ² |
| type of connectable conductor cross-sections | |
| <ul style="list-style-type: none"> • for auxiliary contacts <ul style="list-style-type: none"> — solid or stranded | 2x (0.5 ... 2.5 mm ²) |
| <ul style="list-style-type: none"> — finely stranded with core end processing | 2x (0.5 ... 1.5 mm ²) |
| <ul style="list-style-type: none"> — finely stranded without core end processing | 2x (0.5 ... 2.5 mm ²) |
| <ul style="list-style-type: none"> • for AWG cables for auxiliary contacts | 2x (20 ... 14) |
| AWG number as coded connectable conductor cross section for auxiliary contacts | 20 ... 14 |

Approvals Certificates

| General Product Approval | EMV |
|--|-----|
|   Confirmation    | |

| Functional Safety | Marine / Shipping |
|--|---|
| Type Examination Certificate |      |

| Marine / Shipping | other | Railway | Environment |
|---|-------------------------------|------------------------------|--|
|   | Miscellaneous | Confirmation | Special Test Certificate  |

Environment

[Environmental Confirmations](#)

Further information

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>

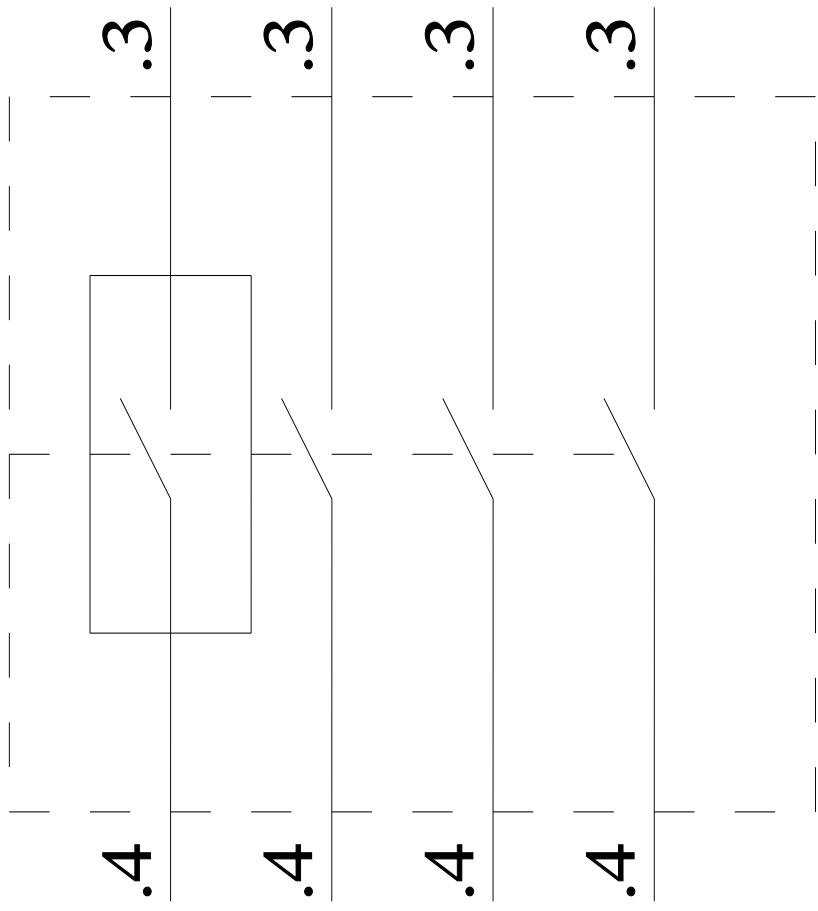
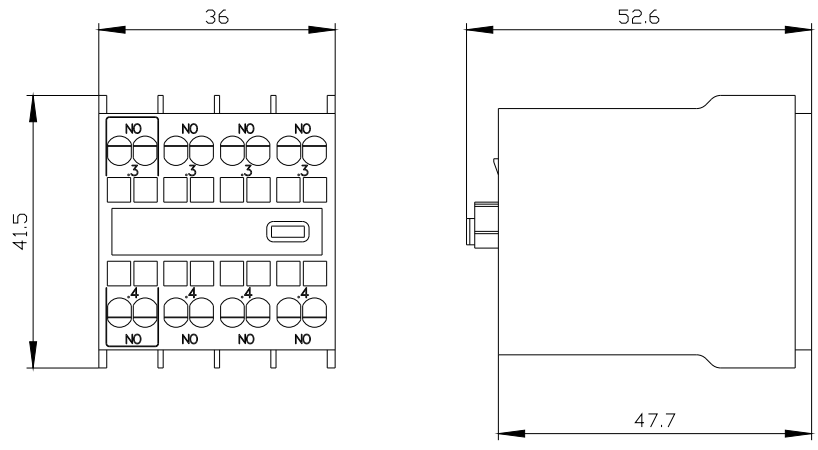
Information- and Downloadcenter (Catalogs, Brochures,...)
<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RH2911-2NL40>

Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-2NL40>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-2NL40>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-2NL40&lang=en



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