



Electron. contr. auxiliary switch on the front, 2 NO Current path 1 NO, 1 NO for 3RH and 3RT spring-type terminal .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 | IP20 |
| ambient temperature | |
| • during storage | -55 ... +80 °C |
| • during operation | -25 ... +60 °C |
| mechanical service life (switching cycles) typical | 5 000 000 |
| 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 at AC rated value | 690 V |
| surge voltage resistance rated value | 6 kV |
| Auxiliary circuit | |
| 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 |
| operational current | |
| • of auxiliary contacts at DC-13 | |
| — at 24 V | 0.3 A |
| — at 60 V | 0.3 A |
| Installation/ mounting/ dimensions | |
| fastening method | snap-on mounting |
| width | 36 mm |
| height | 41.5 mm |
| depth | 47.7 mm |
| Connections/ Terminals | |
| type of electrical connection for auxiliary and control circuit | spring-loaded terminals |
| type of connectable conductor cross-sections | |
| • for auxiliary contacts | |
| — finely stranded | |
| — with core end processing | 2x (0.5 ... 1.5 mm ²) |
| — without core end processing | 2x (0.5 ... 2.5 mm ²) |
| • at AWG cables for auxiliary contacts | 2x (20 ... 14) |
| Safety related data | |
| product function mirror contact according to IEC | Yes |

| | |
|---|-----------------|
| 60947-4-1 | |
| • note | with 3RT2.2/3/4 |
| product function positively driven operation according to IEC 60947-5-1 | No |

Certificates/ approvals

| | |
|--------------------------|-----|
| General Product Approval | EMC |
|--------------------------|-----|



[Confirmation](#)



| | | |
|---------------------------------------|-------------------|-------------------|
| Functional Safety/Safety of Machinery | Test Certificates | Marine / Shipping |
|---------------------------------------|-------------------|-------------------|

[Type Examination Certificate](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



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



[Environmental Confirmations](#)

[Confirmation](#)

| | |
|-------|---------|
| other | Railway |
|-------|---------|



[Type Test Certificates/Test Report](#)

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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=3RH2911-2NF20>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH2911-2NF20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RH2911-2NF20>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH2911-2NF20&lang=en

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