



Figure similar

1st lateral auxiliary switch 1 NO contact 1 NC contact, screw terminal, for contactors 3RT148

|   |                           |
|---|---------------------------|
| product brand name  | SIRIUS                    |
| product category  | Auxiliary switch          |
| product designation   | auxiliary switch          |
| design of the product   | first laterally mountable |
| product type designation  | 3RH19                     |
| suitability for use   | for 3RT148                |
| <b>General technical data</b>                                     |                           |
| insulation voltage with degree of pollution 3 at AC rated value   | 600 V                     |
| surge voltage resistance rated value                              | 6 kV                      |
| protection class IP on the front                                  | IP00                      |
| mechanical service life (operating cycles) typical                | 1 000 000                 |
| electrical endurance (operating cycles) at AC-15 at 230 V typical | 250 000                   |
| Substance Prohibitance (Date)                                     | 05/15/2019                |
| number of NC contacts for auxiliary contacts                      |                           |
| • instantaneous contact   | 1                         |
| • lagging switching   | 0                         |
| number of NO contacts for auxiliary contacts                      |                           |
| • instantaneous contact   | 1                         |
| • leading contact   | 0                         |
| number of CO contacts of auxiliary contacts instantaneous contact | 0                         |
| operational current of auxiliary contacts at AC-12                |                           |
| • at 24 V   | 16 A                      |
| • at 230 V  | 16 A                      |
| operational current of auxiliary contacts at AC-12 maximum        | 16 A                      |
| operational current of auxiliary contacts at AC-15                |                           |
| • at 24 V   | 6 A                       |
| • at 230 V  | 3 A                       |
| • at 400 V  | 1.5 A                     |
| operational current of auxiliary contacts at DC-13                |                           |
| • at 24 V   | 6 A                       |
| • at 48 V   | 2 A                       |
| • at 60 V   | 2 A                       |
| • at 110 V  | 1 A                       |
| • at 125 V  | 0.55 A                    |
| • at 220 V  | 0.27 A                    |
| • at 250 V  | 0.27 A                    |
| <b>Ambient conditions</b>   |                           |
| ambient temperature   |                           |

- during operation -25 ... +55 °C
- during storage -40 ... +80 °C

#### Safety related data

##### product function

- mirror contact according to IEC 60947-4-1 Yes; with 3RT148
- positively driven operation according to IEC 60947-5-1 No

#### Installation/ mounting/ dimensions

|                  |              |
|------------------|--------------|
| fastening method | screw fixing |
| height           | 72 mm        |
| width            | 12.8 mm      |
| depth            | 65.5 mm      |

#### Connections/ Terminals

type of electrical connection for auxiliary and control circuit screw-type terminals

##### connectable conductor cross-section for auxiliary contacts

- solid or stranded 1 ... 2.5 mm<sup>2</sup>
- finely stranded with core end processing 1 ... 2.5 mm<sup>2</sup>

##### type of connectable conductor cross-sections

- for auxiliary contacts
  - solid 2x (1 ... 2,5 mm<sup>2</sup>)
  - solid or stranded 2x (1 ... 2.5 mm<sup>2</sup>)
  - finely stranded with core end processing 2x (1 ... 2,5 mm<sup>2</sup>)
- for AWG cables for auxiliary contacts 2x (16 ... 14)

AWG number as coded connectable conductor cross section for auxiliary contacts 16 ... 14

#### Approvals Certificates

General Product Approval

Functional  
Safety/Safety of Ma-  
chinery

Declaration of Con-  
formity

[Confirmation](#)



[Type Examination Cer-  
tificate](#)



Declaration of Con-  
formity

Test Certificates

other

Railway



[Special Test Certi-  
ficate](#)

[Confirmation](#)

[Special Test Certi-  
ficate](#)

#### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3RH1981-1DA11>

Cax online generator

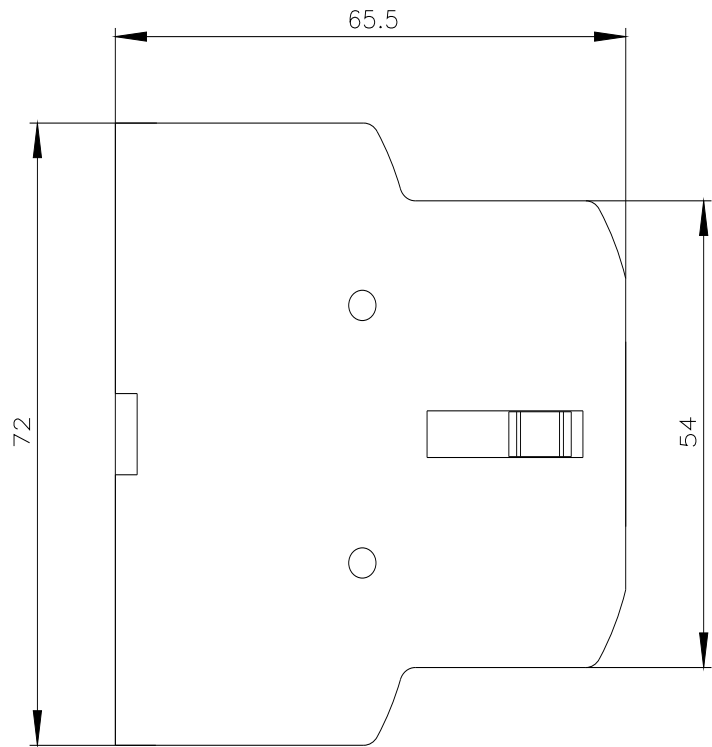
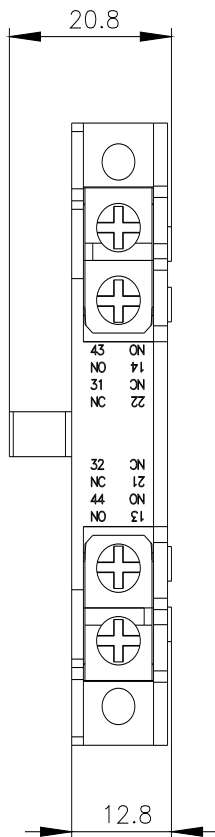
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RH1981-1DA11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RH1981-1DA11>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RH1981-1DA11&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RH1981-1DA11&lang=en)



Links / left

Rechts / right

