



Figure similar

!!! Phased-out product !!! The preferred successor is 3RQ2000-2CW00. Coupling relays in industrial enclosure 3 change-over contacts Combination voltage 24 V and 110-120 V AC/DC Spring-type terminal

|                                                            |                                                |
|------------------------------------------------------------|------------------------------------------------|
| product brand name                                         | SIRIUS                                         |
| product designation                                        | Coupling relay in industrial enclosure         |
| product type designation                                   | 3RS18                                          |
| <b>General technical data</b>                              |                                                |
| switching behavior                                         | monostable                                     |
| reference code according to IEC 81346-2                    | K                                              |
| Substance Prohibitance (Date)                              | 11/01/2009                                     |
| SVHC substance name                                        | Lead - 7439-92-1                               |
| Weight                                                     | 0.147 kg                                       |
| control supply voltage 1 at AC                             |                                                |
| • at 50 Hz rated value                                     | 24 V                                           |
| • at 50 Hz                                                 | 110 ... 120 V                                  |
| • at 60 Hz rated value                                     | 24 V                                           |
| • at 60 Hz                                                 | 110 ... 120 V                                  |
| control supply voltage 1 at DC rated value                 | 24 V                                           |
| <b>Switching Function</b>                                  |                                                |
| design of the switching function                           | changeover switch                              |
| <b>Mechanical data</b>                                     |                                                |
| product component plug-in socket                           | No                                             |
| design of the relay operating mechanism                    | poled                                          |
| <b>Auxiliary circuit</b>                                   |                                                |
| number of NC contacts for auxiliary contacts               | 0                                              |
| number of NO contacts for auxiliary contacts               | 0                                              |
| number of CO contacts for auxiliary contacts               | 3                                              |
| <b>Main circuit</b>                                        |                                                |
| type of voltage                                            | AC/DC                                          |
| ampacity of the output relay at AC-15 at 250 V at 50/60 Hz | 3 A                                            |
| ampacity of the output relay at DC-13                      |                                                |
| • at 24 V                                                  | 1 A                                            |
| • at 125 V                                                 | 0.2 A                                          |
| <b>Connections/ Terminals</b>                              |                                                |
| type of electrical connection                              | spring-loaded terminals                        |
| <b>Installation/ mounting/ dimensions</b>                  |                                                |
| fastening method                                           | screw and snap-on mounting onto 35 mm DIN rail |
| height                                                     | 103 mm                                         |
| width                                                      | 22.5 mm                                        |
| depth                                                      | 91 mm                                          |
| <b>Ambient conditions</b>                                  |                                                |
| ambient temperature during operation                       | -25 ... +60 °C                                 |

## Approvals Certificates

General Product Approval

EMV



[KC](#)

Test Certificates

other

Environment

[Type Test Certificates/Test Report](#)

[Miscellaneous](#)

[Confirmation](#)

[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=3RS1800-2HQ00>

Cax online generator

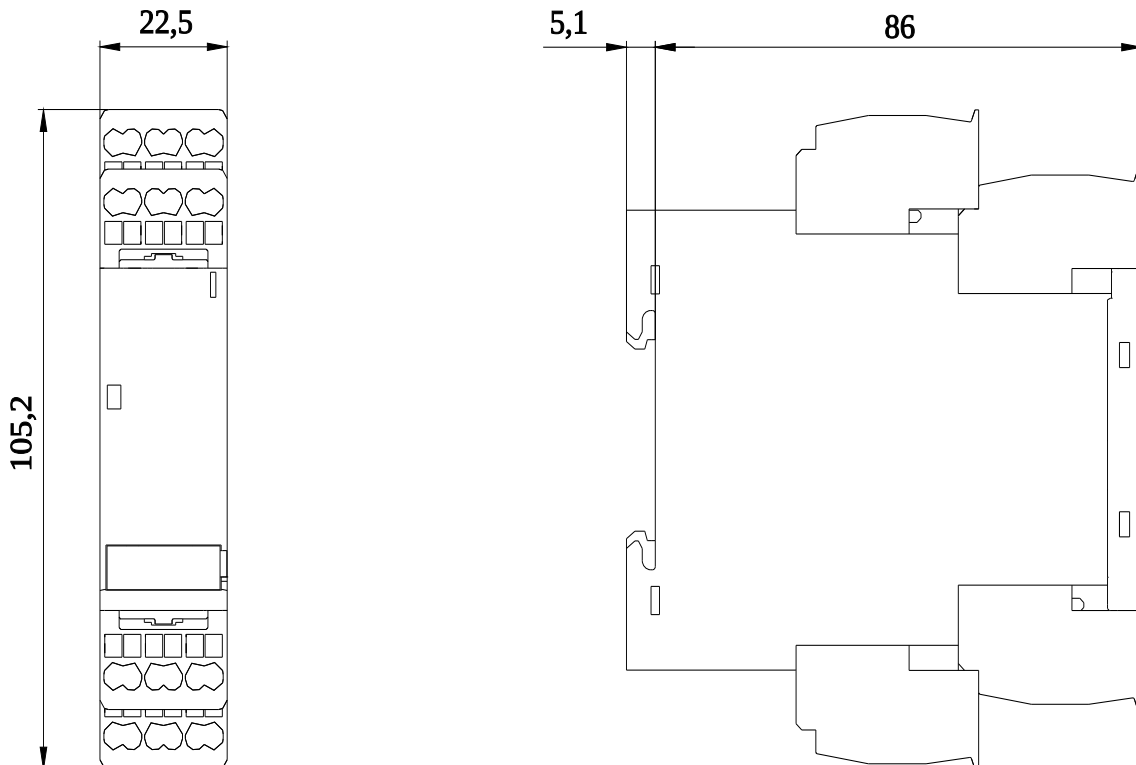
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1800-2HQ00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-2HQ00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RS1800-2HQ00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1800-2HQ00&lang=en)



last modified:

4/1/2025