



!!! Phased-out product !!! The preferred successor is 3RQ2000-1AW00.  
Coupling relays in industrial enclosure 1 change-over contact Combination  
voltage 24 V and 110-120 V AC/DC Screw terminal

|  |  |
|--|--|
| product brand name   | SIRIUS   |
| product designation  | Coupling relay in industrial enclosure                       |
| product type designation                                   | 3RS18  |
| <b>General technical data</b>                              |  |
| protection class IP  | IP20   |
| switching behavior   | monostable   |
| reference code according to IEC 81346-2                    | K  |
| Substance Prohibitance (Date)                              | 11/01/2009   |
| 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   |
| design of the relay operating mechanism                    | poled  |
| product component plug-in socket                           | No   |
| <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               | 1  |
| <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                              | screw-type terminals   |
| <b>Installation/ mounting/ dimensions</b>                  |  |
| fastening method   | screw and snap-on mounting onto 35 mm standard mounting rail |
| height   | 83 mm  |
| width  | 22.5 mm  |
| depth  | 91 mm  |
| <b>Ambient conditions</b>                                  |  |
| ambient temperature during operation                       | -25 ... +60 °C   |
| <b>Certificates/ approvals</b>                             |  |
| General Product Approval                                   | Declaration of Conformity                                    |



[Confirmation](#)



EG-Konf.

| Declaration of Conformity | Test Certificates             | other  |                              |
|---------------------------|-------------------------------|--|------------------------------|
|                           | <a href="#">Miscellaneous</a> | <a href="#">Type Test Certificates/Test Report</a> | <a href="#">Confirmation</a> |

#### 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=3RS1800-1AQ00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1800-1AQ00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-1AQ00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RS1800-1AQ00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1800-1AQ00&lang=en)

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-1AQ00/manual>

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