



Figure similar

!!! Phased-out product !!! The preferred successor is 3RQ2000-1CW00.
Coupling relays in industrial enclosure 3 change-over contacts Combination
voltage 24 V and 220-240 V AC/DC Screw terminal

product brand name
product designation
product type designation

SIRIUS
Coupling relay in industrial enclosure
3RS18

General technical data

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 220 ... 240 V
• at 60 Hz rated value 24 V
• at 60 Hz 220 ... 240 V
control supply voltage 1
• at DC rated value 24 V
design of the relay operating mechanism poled
product component plug-in socket No

Auxiliary circuit

number of NC contacts for auxiliary contacts 0
number of NO contacts for auxiliary contacts 0
number of CO contacts for auxiliary contacts 3

Main circuit

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

Connections/ Terminals

type of electrical connection screw-type terminals

Installation/ mounting/ dimensions

fastening method screw and snap-on mounting onto 35 mm standard mounting rail
height 102 mm
width 22.5 mm
depth 91 mm

Ambient conditions

ambient temperature during operation -25 ... +60 °C

Certificates/ approvals

General Product Approval

Declaration of
Conformity



[Confirmation](#)



Declaration of Conformity	Test Certificates	other
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

[Confirmation](#)

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=3RS1800-1HP00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1800-1HP00>

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

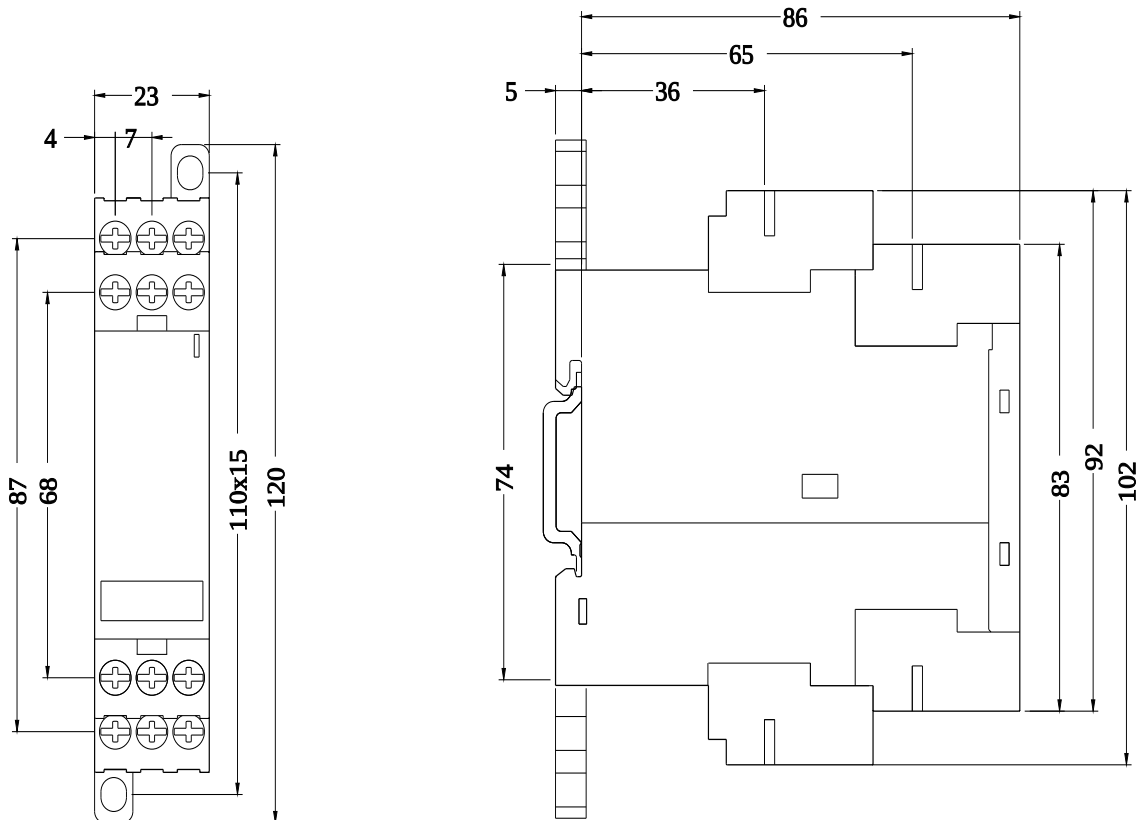
<https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-1HP00>

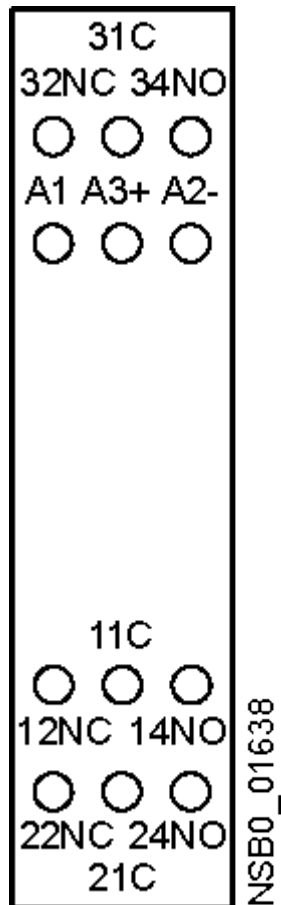
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1800-1HP00&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-1HP00/manual>





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12/21/2020 