



!!! Phased-out product !!! The preferred successor is 3RQ2000-2CW00.  
Coupling relays in industrial enclosure 3 change-over contacts Combination  
voltage 24 V and 220-240 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>	
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
<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 standard mounting rail
height	103 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](#)



Declaration of Conformity	Test Certificates	other
---------------------------	-------------------	-------



EG-Konf.

[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=3RS1800-2HP00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1800-2HP00>

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

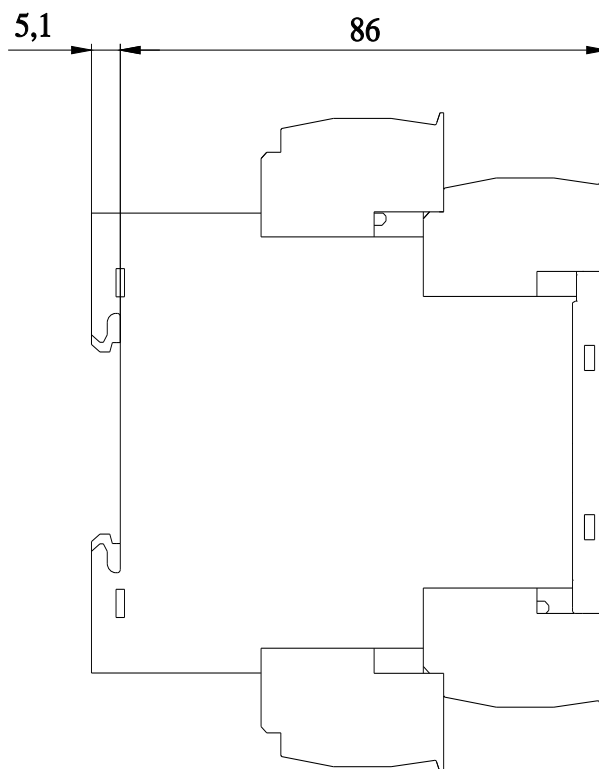
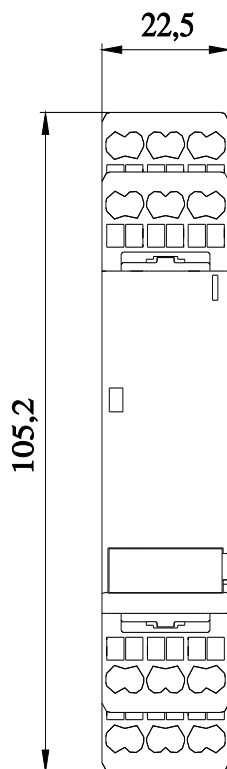
<https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-2HP00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RS1800-2HP00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1800-2HP00&lang=en)

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-2HP00/manual>



last modified:

12/21/2020