

!!! phased-out product !!! the preferred successor is 3RQ2000-1CW01. (SINAMICS K82 see FAQ 109813049). coupling relay ... coupling relay in industrial enclosure 3 change-over contacts hard gold-plated wide voltage range screw terminal 24 V to 240 V AC/DC

product brand name	SIRIUS
product designation	Coupling relay in industrial enclosure
product type designation	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	24 ... 240 V
• at 60 Hz	24 ... 240 V
control supply voltage 1	
• at DC	24 ... 240 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 DIN 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   Confirmation   	
Declaration of Con- formity	

Declaration of Con-
formity



[Confirmation](#)



EG-Konf.

Declaration of Con-
formity

Test Certificates

other



[Miscellaneous](#)

[Confirmation](#)

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=3RS1800-1HW01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1800-1HW01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-1HW01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1800-1HW01&lang=en

Characteristic: Derating

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-1HW01/manual>

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