SIEMENS

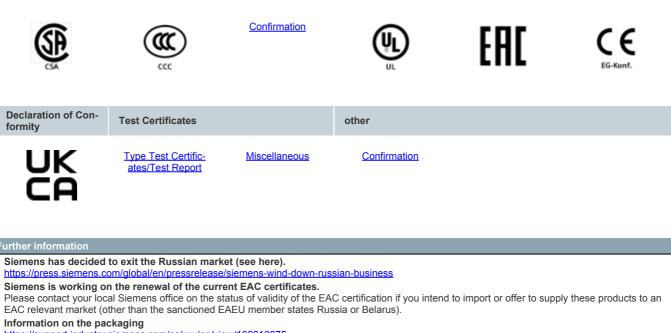**Data sheet**   **3RS1800-1HP01**

Figure similar

!!! Phased-out product !!! The preferred successor is 3RQ2000-1CW01. Coupling relays in industrial enclosure 3 change-over contacts hard gold-plated Combination voltage 24 V and 220-240 V AC/DC Screw terminal

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 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 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	Declaration of Conformity

Declaration of Conformity	Test Certificates	other	
UK CA	[Type Test Certificates/Test Report](#)	[Miscellaneous](#)	[Confirmation](#)

[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=3RS1800-1HP01

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RS1800-1HP01

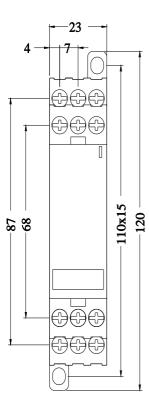**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
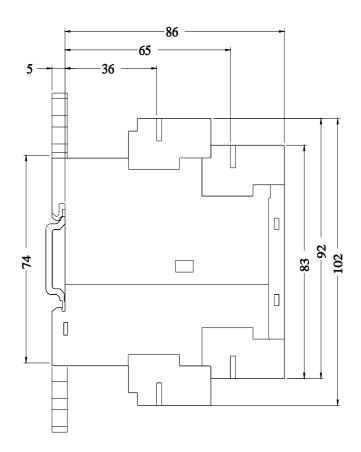https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-1HP01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1800-1HP01&lang=en

Characteristic: Derating
https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-1HP01/manual

7/10/2023