



Figure similar

!!! 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
General technical data	
protection class IP	IP20
switching behavior	monostable
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	11/01/2009
SVHC substance name	Lead - 7439-92-1
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
Switching Function	
design of the switching function	changeover switch
Mechanical data	
product component plug-in socket	No
design of the relay operating mechanism	poled
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	1
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 terminal
Installation/ mounting/ dimensions	
fastening method	screw and snap-on mounting onto 35 mm DIN rail
height	83 mm
width	22.5 mm
depth	91 mm
Ambient conditions	

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

General Product Approval



[Confirmation](#)



EMV	Test Certificates		other	Environment
KC	Miscellaneous	Type Test Certificates/Test Report	Confirmation	Environmental Confirmations

Further information

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



