

Data sheet

3RS1800-2HP00



Figure similar

!!! 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
General technical data	
switching behavior	monostable
reference code according to IEC 81346-2	K
Substance Prohibitance (Date)	11/01/2009
SVHC substance name	Lead - 7439-92-1
Weight	0.146 kg
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
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	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	spring-loaded terminals
Installation/ mounting/ dimensions	
fastening method	screw and snap-on mounting onto 35 mm DIN rail
height	103 mm
width	22.5 mm
depth	91 mm
Ambient conditions	
ambient temperature during operation	-25 ... +60 °C



Test Certificates

other

Environment

[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=3RS1800-2HP00>

Cax online generator

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

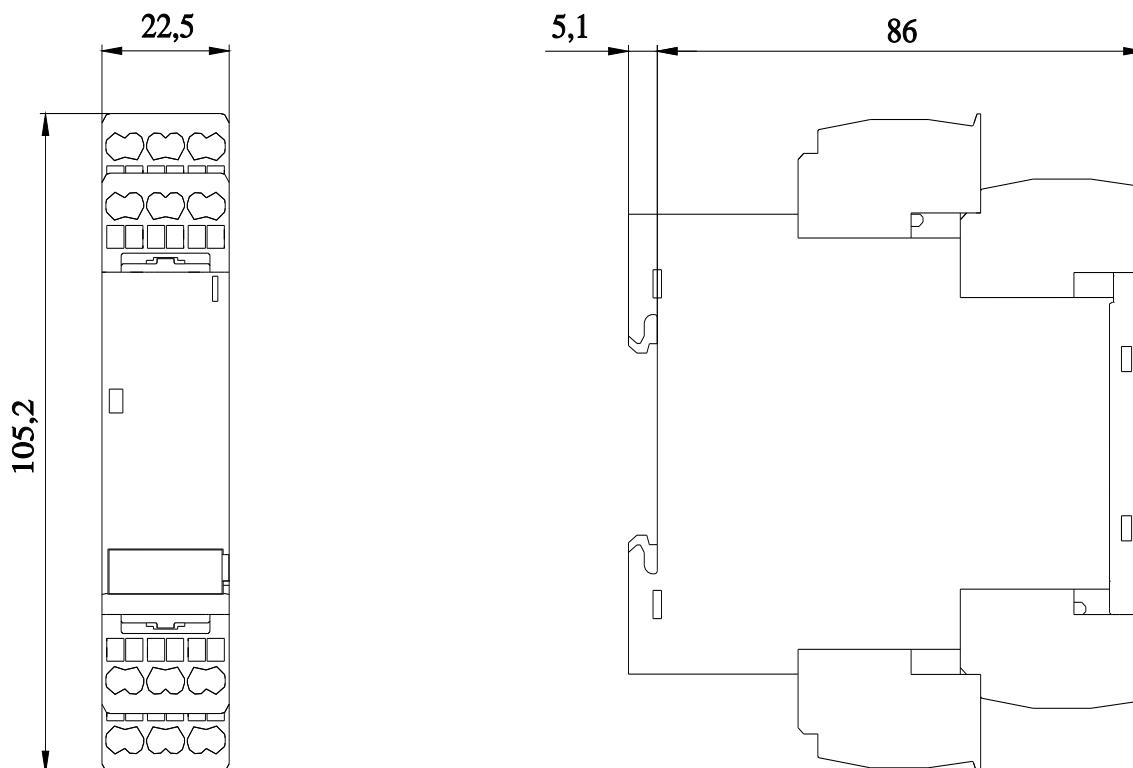
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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

Characteristic: Derating

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

31C
32NC 34NO
<input type="radio"/> <input type="radio"/> <input type="radio"/>
A1 A3+ A2-
<input type="radio"/> <input type="radio"/> <input type="radio"/>
11C
<input type="radio"/> <input type="radio"/> <input type="radio"/>
12NC 14NO
<input type="radio"/> <input type="radio"/> <input type="radio"/>
22NC 24NO
21C

NSB0_01638

last modified:

4/1/2025 