SIEMENS

Data sheet 3RS1800-1HW01



Figure similar

!!! product phase-out !!! the preferred successor is 3RQ2000-1CW01. (SINAMICS K82 see FAQ 109813049). coupling relay … coupling relay in industrial enclosure 3 changeover 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	
switching behavior	monostable
reference code according to IEC 81346-2	K
Substance Prohibitance (day/month/year)	11/01/2009
SVHC substance name	Lead CAS-No. 7439-92-1 Lead monoxide (lead oxide) CAS-No. 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5 Melamine CAS-No. 108-78-1 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol CAS-No. 119-47-1
Net Weight	0.145 kg
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
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	screw terminal
Installation/ mounting/ dimensions	
fastening method	screw and snap-on mounting onto 35 mm DIN rail
height	102 mm
width	22.5 mm

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depth	91 mm

Ambient conditions

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

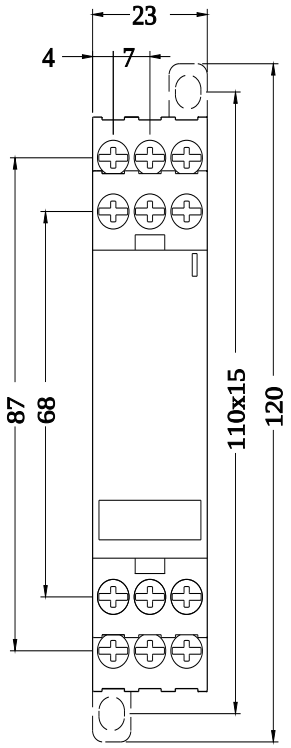
Approvals Certificates

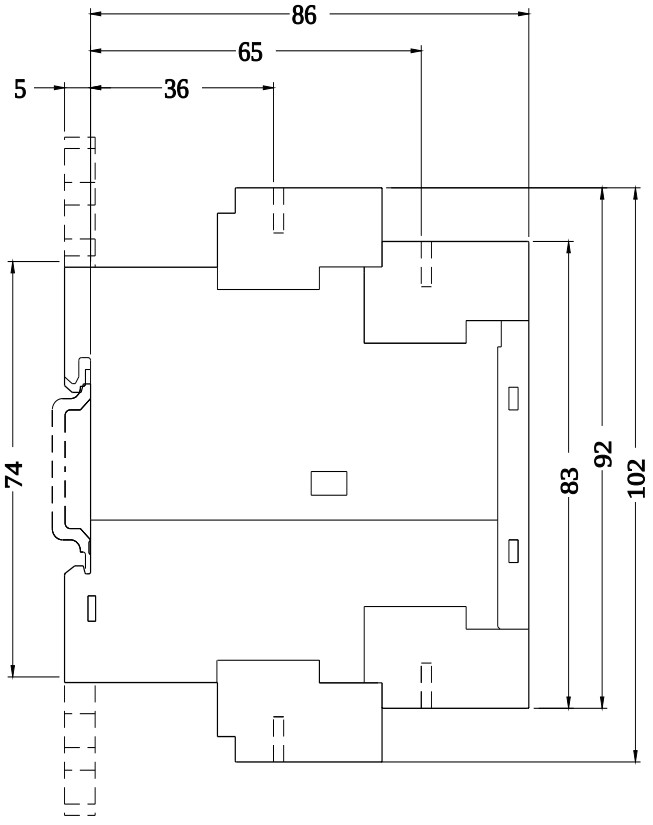
Environment	General Product Approval				
Environmental Confirmations	CCC	cULus	EAC	CE EG-Konf.	UKCA

EMV	Test Certificates	other	
KC	Miscellaneous	Confirmation	产品合格 QC PASS

Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
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
https://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, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RS1800-1HW01&lang=en





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