SIEMENS

Product data sheet 3RS1800-1HQ01



COUPLING RELAY IM INDUSTRY-STANDARD ENCLOSURE 3 COS, HARD GOLD-PLATED COMBIVOLTAGE 24 V AND 110 V TO 120 V AC/DC SCREW TERMINALS

General technical details:			
Type of voltage		AC/DC	
Supply voltage frequency			
• 1 / for auxiliary and control current circuit			
• rated value	Hz	50	
• 2 / for auxiliary and control current circuit			
• rated value	Hz	60	
Control supply voltage / 1			
• at 50 Hz / for AC			
• rated value	V	24	
• initial rated value	V	110	
• final rated value	V	120	
• at 60 Hz / for AC			
• rated value	V	24	
• initial rated value	V	110	
• final rated value	V	120	
• for DC			
• rated value	V	24	
Switching behaviour		monostable	
Product component / jumper socket		No	

Reference code / according to DIN EN 61346-2	К
Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750	К

Mechanical design:			
Design of the electrical connection		screw-type terminals	
Design of the electrical connection / jumper socket		No	
Design of the relay operating mechanism		poled	
Design of the switching function		changeover switch	
• guided		No	
Width	mm	22.5	
Height	mm	102	
Depth	mm	91	

Auxiliary Contacts:		
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of changeover contacts / for auxiliary contacts		3
Current carrying capacity / of output relay		
• at DC-13		
• at 24 V	Α	1
• at 125 V	Α	0.2
• at 250 V	Α	0.1
• at AC-15 / at 250 V	Α	3

Ambient conditions:			
Protection class IP		IP20	
Ambient temperature / during operating / minimum	°C	-25	
Ambient temperature / during operating / maximum	°C	60	

Certificates/approvals:

General Product Approval

(1)







Special Test Certificate

Test Certificates

other

Declaration of Conformity

other

Environmental Confirmations

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

http://www.siemens.com/industrial-controls/mall

CAx-Online-Generator

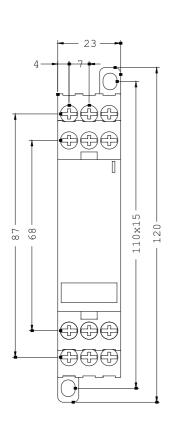
http://www.siemens.com/cax

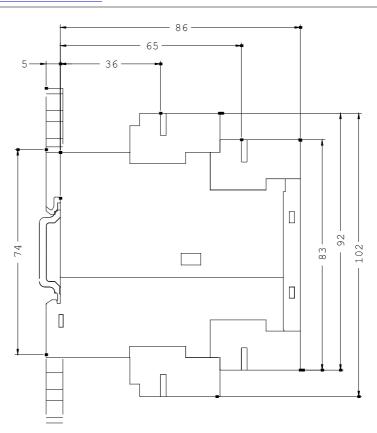
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3RS1800-1HQ01/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1800-1HQ01





last change: Jul 28, 2014