

COUPLING RELAY IM INDUSTRY-STANDARD
ENCLOSURE 1 CHANGEOVER CONTACT
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 - initial rated value - final rated value	V	24
	V	110
	V	120
- at 60 Hz / for AC - rated value - initial rated value - final rated value	V	24
	V	110
	V	120
- for DC - rated value	V	24
Switching behaviour		monostable
Product component / jumper socket		No
Reference code / according to DIN EN 61346-2		K
Reference code / according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		K

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	83

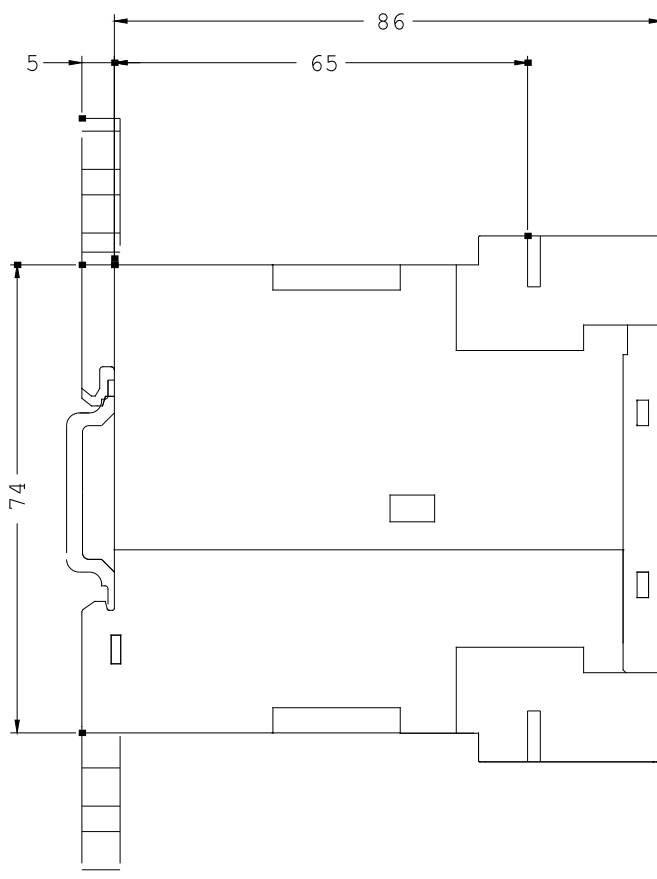
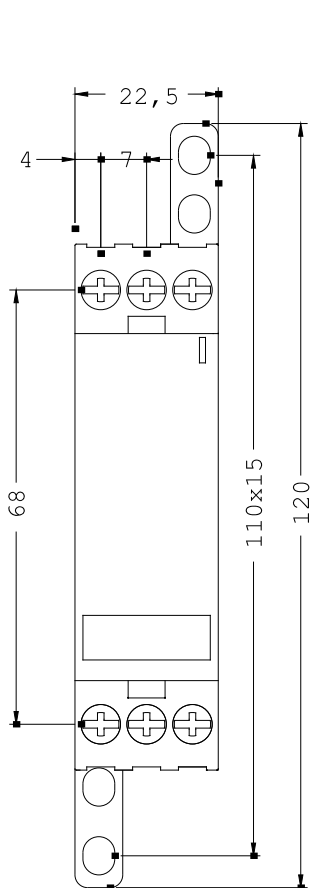
Depth	mm	91
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Auxiliary Contacts:		
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of changeover contacts / for auxiliary contacts		1
Current carrying capacity / of output relay		
• at DC-13		
• at 24 V	A	1
• at 125 V	A	0.2
• at 250 V	A	0.1
• at AC-15 / at 250 V	A	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		Test Certificates
 CCC	 CSA	
	 UL	Special Test Certificate
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/3RS1800-1AQ00/all		
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1800-1AQ00		



last change:

Jul 28, 2014