SIEMENS

COUPLING RELAY IM INDUSTRY-STANDARD
ENCLOSURE 3 CHANGEOVER CONTACTS
COMBIVOLTAGE 24 V AND 220 V TO 240 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	220
• final rated value	V	240
• at 60 Hz / for AC		
• rated value	V	24
• initial rated value	V	220
• final rated value	V	240
• 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	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		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 EAC 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)
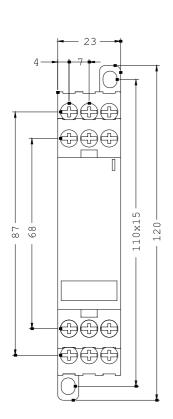http://www.siemens.com/industrial-controls/mall
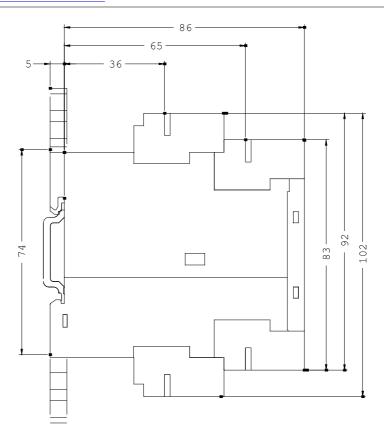
CAx-Online-Generator
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RS1800-1HP00/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1800-1HP00

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