SIEMENS

COUPLING RELAY IM INDUSTRY-STANDARD
ENCLOSURE 2 CHANGEOVER CONTACTS WIDE
VOLTAGE RANGE 24 V TO 240 V AC/DC CAGE CLAMP
CONNECTIONS

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		
• initial rated value	V	24
• final rated value	V	240
• at 60 Hz / for AC		
• initial rated value	V	24
• final rated value	V	240
• for DC		
• initial rated value	V	24
• final rated value	V	240
Switching behaviour		monostable
Product component / jumper socket		No
Item designation / according to DIN EN 61346-2		K

Item designation / according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		K

Mechanical design:		
Design of the electrical connection		spring-loaded 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	94
Depth	mm	91

Auxiliary Contacts:		
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of change-over switches / for auxiliary contacts		2
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	**other**
CCC GOST UL	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

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RS1800-2BW00

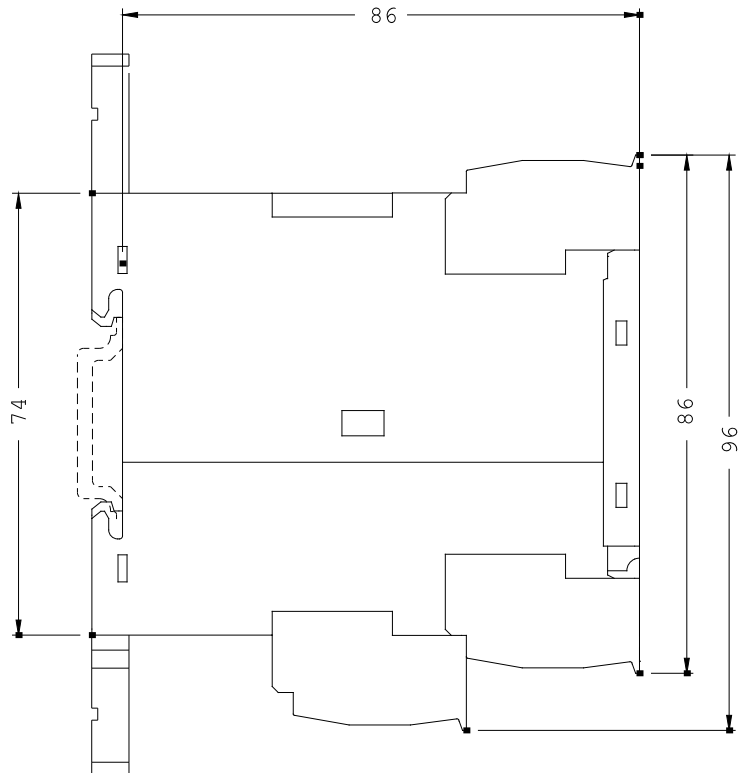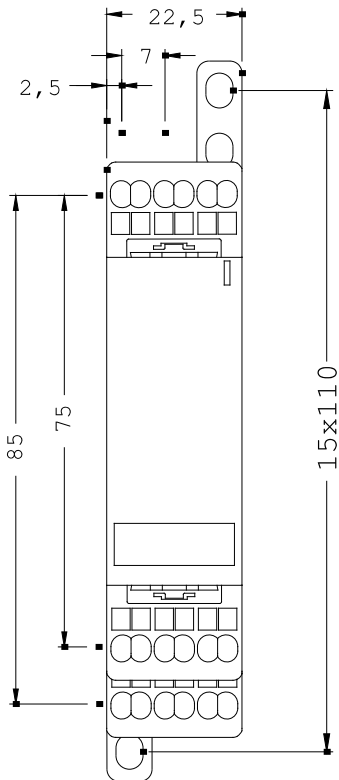**last change:**   Mar 4, 2013