

COUPLING RELAY IM INDUSTRY-STANDARD  
 ENCLOSURE 3 COS, HARD GOLD-PLATED WIDE  
 VOLTAGE RANGE 24 V TO 240 V AC/DC CAGE  
 CLAMP CONNECTIONS



Figure similar

General technical data:		
<b>Type of voltage</b>		AC/DC
<b>Supply voltage frequency</b>		
<ul style="list-style-type: none"> <li>• 1 for auxiliary and control current circuit                             <ul style="list-style-type: none"> <li>— rated value</li> </ul> </li> <li>• 2 for auxiliary and control current circuit rated value</li> </ul>	Hz	50
	Hz	60
<b>Control supply voltage 1</b>		
<ul style="list-style-type: none"> <li>• at AC                             <ul style="list-style-type: none"> <li>— at 50 Hz Initial rated value</li> <li>— at 50 Hz Final rated value</li> <li>— at 60 Hz Initial rated value</li> <li>— at 60 Hz Final rated value</li> </ul> </li> <li>• at DC                             <ul style="list-style-type: none"> <li>— Initial rated value</li> <li>— Final rated value</li> </ul> </li> </ul>	V	24
	V	240
	V	24
	V	240
	V	24
	V	240
<b>Switching behavior</b>		monostable

Product component Plug-in socket		No
Equipment marking acc. to DIN EN 61346-2		K
Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K

**Mechanical data:**

Type of electrical connection		spring-loaded terminals
Type of electrical connection Plug-in socket		No
Design of the relay operating mechanism		poled
Design of the switching function positively driven		No
Width	mm	22.5
Height	mm	103
Depth	mm	91

**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
Ampacity of the 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 at 50/60 Hz	A	3

**Ambient conditions:**

Protection class IP		IP20
Ambient temperature during operation minimum	°C	-25
Ambient temperature during operation maximum	°C	60

**Certificates/ approvals:**

General Product Approval	Declaration of Conformity	other
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[Miscellaneous](#)

other	Railway
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[Confirmation](#)

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**Further information**

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

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

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrymall>

**Cax online generator**

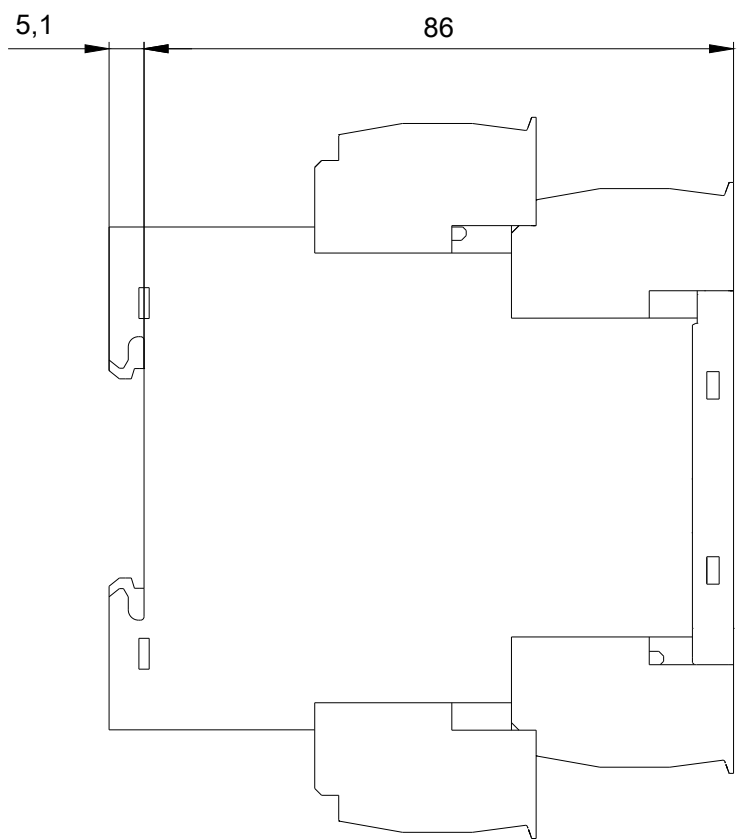
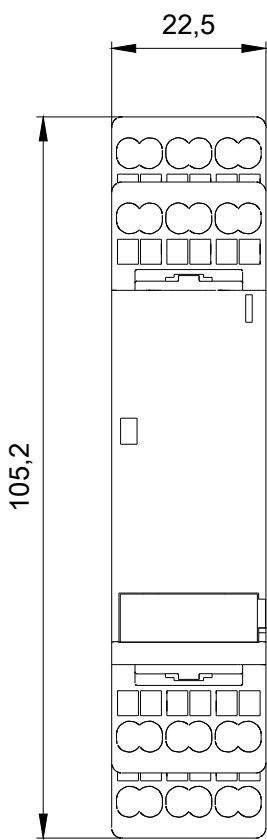
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RS1800-2HW01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RS1800-2HW01>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3RS1800-2HW01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RS1800-2HW01&lang=en)



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