



COUPLING RELAY IM INDUSTRY-STANDARD  
ENCLOSURE 3 CHANGEOVER CONTACTS WIDE  
VOLTAGE RANGE 24 V TO 240 V AC/DC CAGE  
CLAMP CONNECTIONS

General technical data:

Type of voltage		AC/DC
Supply voltage frequency		
<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
Control supply voltage 1		
<ul style="list-style-type: none"> <li>• with 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>• for 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
Switching behavior		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
<b>Ampacity of the output relay</b>		
• 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

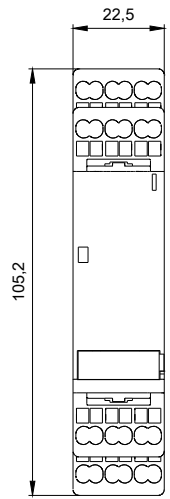
#### Certificates/ approvals:

General Product Approval	other
 CCC	<a href="#">Declaration of Conformity</a>
 CSA	<a href="#">Environmental Confirmations</a>
 EAC	
 UL	

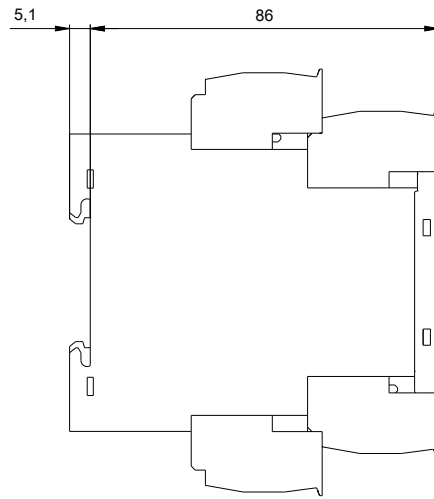
<b>other</b> <a href="#">other</a>
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#### Further information

- 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&mlfb=3RS18002HW00>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<http://support.automation.siemens.com/WW/view/en/3RS18002HW00/all>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RS18002HW00&lang=en>



last modified:



09.03.2015