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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**RIDERSERIES  
RCM580730**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



Standard relays in the RIDERSERIES RCM

- 4 CO contacts
- Optionally AC or DC coils
- with test button
- With hard gold-plated contacts

**General ordering data**

Order No.	<a href="#">7940007637</a>
Type	RCM580730
Version	RIDERSERIES, Relais, No. of contacts: 4, CO contact with test button, AgNi 5µm Au, Rated control voltage: 230 V AC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4032248526345
Qty.	10 pc(s).

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**Technical data**
**Ratings**

Conductor connection system	Plug-in connection	Humidity	40 °C / 93 % rel. humidity, no condensation
UL 94 flammability rating	V-0		

**Dimensions and weights**

Width	22.5 mm	Height	28 mm
Depth	29 mm	Net weight	29.9 g

**Temperatures**

Operating temperature	-40 °C...+70 °C	Storage temperature	-40 °C...+85 °C
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**Input**

Rated control voltage	230 V AC	Rated current AC	4.3 mA
Coil resistance	19,465 Ω ± 15 %	Power rating	1.0 VA
Response / drop-out voltage AC coil	184 V / 69 V		

**Output**

Rated switching voltage	240 V AC	Max. switching voltage, AC	250 V
Continuous current	6 A	making current	12 A / 20 ms
Max. switching power	1500 VA	Response time	15 ms / 10 ms
Min. switching power	1 V / 1 mA	Max. switching frequency at rated load	0.1 Hz

**Contact specifications**

No. of contacts	4	Contact design	CO contact with test button
Contact material	AgNi 5µm Au	Mechanical service life	AC coil 20 x 10 <sup>6</sup> Switching cycles, DC coil 30 x 10 <sup>6</sup> Switching cycles

**Insulation coordination**

Rated voltage	250 V	Clearance and creepage distances for control side - load side	≥ 4 mm
Dielectric strength for control side - load side	2.5 KV <sub>eff</sub> / 1 min.	Impulse withstand voltage	5 kV (1.2/50 µs)
Protection degree	IP 20	Insulating material group	IIIa

**Other technical data**

Version	Without LED
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**Further details of approvals / standards**

Standards	IEC 61810-1, UL508
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**Technical data****Classifications**

ETIM 2.0	EC001437	ETIM 3.0	EC001437
UNSPSC	30-21-19-17	eClass 4.1	39-12-15-35
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01
eClass 7.0	27-37-16-01		

**Approvals**

Approvals

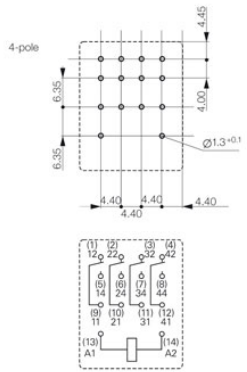
**Downloads**Declaration of Conformity [K295\\_12\\_10.pdf](#)

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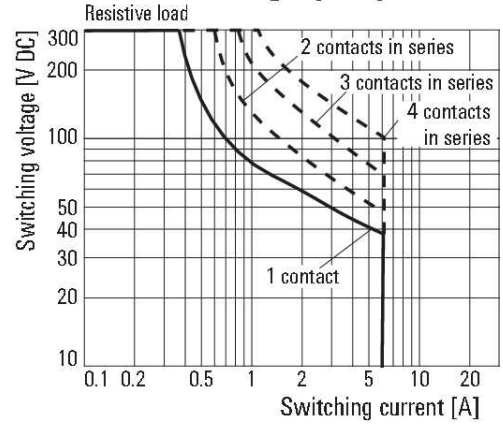
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**Drawings**

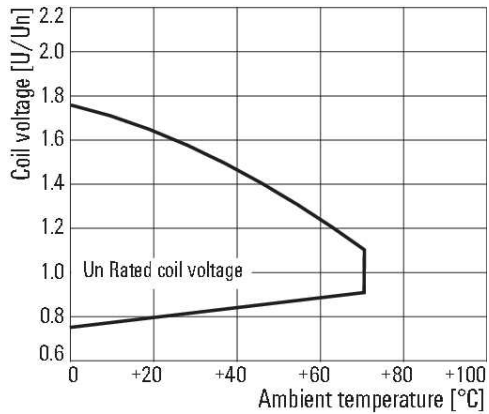
**Circuit diagram**  
View of connections  
Dimensions in mm



**DC load breaking capacity**



**Operating voltage range AC**



**Electrical endurance**

