

**RIDERSERIES
RCM370730**

Weidmüller Interface GmbH & Co. KG
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Standard relays in the RIDERSERIES RCM

- 3 CO contacts
- Optionally AC or DC coils
- with test button
- Comes optionally with integrated status display and/or free-wheel diode

General ordering data

Type	RCM370730
Order No.	869000000
Version	RIDERSERIES, Relais, No. of contacts: 3, CO contact with test button, AgNi 90/10, Rated control voltage: 230 V AC, Continuous current: 10 A, Plug-in connection
GTIN (EAN)	4032248360673
Qty.	10 pc(s).

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Technische Daten

Dimensions and weights

Width	22.5 mm	Height	28 mm
Depth	29 mm	Net weight	27.6 g

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature	-40 °C...+70 °C
Storage temperature	-40 °C...+85 °C		

Input

Coil resistance	19465 Ω ± 15 %	Pull-inrop-out current, typ.	
Rated control voltage	230 V AC	Rated current AC	4.3 mA
Power rating	1.0 VA	Pull-inrop-out voltage, typ.	184 V / 69 V AC

Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	400 V
Continuous current	10 A	Inrush current	20 A / 20 ms
Schaltleistung AC (ohmsch), max.	2500 VA @ 250 V	Schaltleistung DC (ohmsch), max.	240 W @ 24 V
Switch-on delay	≤ 15 ms	Switch-off delay	≤ 10 ms
Min. switching power	100 mA / 5 V, 10 V / 10 mA, 24 V / 1 mA	Max. switching frequency at rated load	0.1 Hz

Contact data

No. of contacts	3	Contact design	CO contact with test button
Contact material	AgNi 90/10	Mechanical service life	AC coil 20 x 10 ⁶ Switching cycles, DC coil 30 x 10 ⁶ Switching cycles

General data

Test button	Yes	Wire connection method	Plug-in connection
Humidity	40 °C / 93 % rel. humidity, no condensation	UL 94 flammability rating	V-0

Insulation coordination

Creepage and clearance distance input – output	≥ 4 mm	Dielectric strength input – output	2.5 kV _{eff}
Dielectric strength, contact contact	2.5 kV _{eff}	Rated voltage	250 V
Impulse withstand voltage	5 kV (1.2/50 μs)	Protection degree	IP 20
Insulating material group	IIIa	Pollution severity	2
Surge voltage category	III		

Other technical data

Version	Without LED
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Further details of approvals / standards

Certificate No. (CSA)	249409-2426937	Certificate No. (cURus)	E224238
Standards	IEC 61810-1, UL508		

Erstellungs-Datum January 31, 2014 2:05:37 PM CET

Datenblatt

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Connection data

Wire connection method Plug-in connection

Classifications

ETIM 3.0	EC001437	UNSPSC	30-21-19-17
eClass 5.1	27-37-16-01	eClass 6.2	27-37-16-01
eClass 7.1	27-37-16-01		

Approvals

Approvals



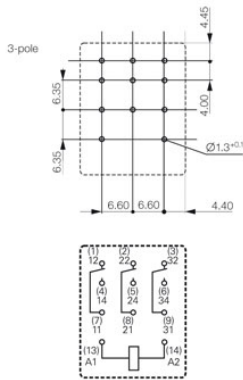
ROHS Conform

Downloads

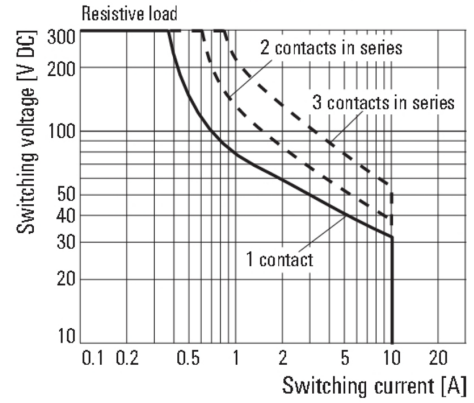
Declaration of Conformity [K295_02_13.pdf](#)

Pinning

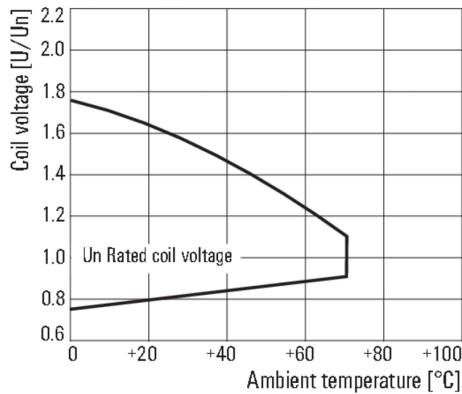
Circuit diagram
 View of connections
 Dimensions in mm



DC load breaking capacity



Operating voltage range AC



Electrical endurance

