

**RIDERSERIES
RCM570730**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
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www.weidmueller.com



Standard relays in the RIDERSERIES RCM

- 4 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	RCM570730
Order No.	1181100000
Version	RIDERSERIES, Relais, No. of contacts: 4, CO contact with test button, AgNi 90/10, Rated control voltage: 230 V AC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4008190130909
Qty.	10 pc(s).

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Technische Daten

Dimensions and weights

Width	22.5 mm	Height	28 mm
Depth	29 mm	Weight	30 g
Net weight	27.7 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 typ.	184 V / 69 V AC

Output

Rated switching voltage	240 V AC	Max. switching voltage, AC	240 V
Continuous current	6 A	Inrush current	12 A / 20 ms
Max. switching power	1500 VA	Switch-on delay	≤ 15 ms
Switch-off delay	≤ 10 ms	Duration of Bounce	5 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	4	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	Weight	30 g
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 kV _{eff}	Rated voltage	250 V
Impulse withstand voltage	5 kV (1.2/50 μs)	Protection degree	IP 50
Insulating material group	IIIa	Pollution severity	2
Surge voltage category	III		

Other technical data

Version	Without LED
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Datenblatt

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Technische Daten

Further details of approvals / standards

Standards IEC 61810-1, UL508

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

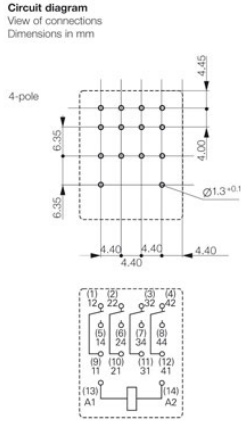


ROHS Conform

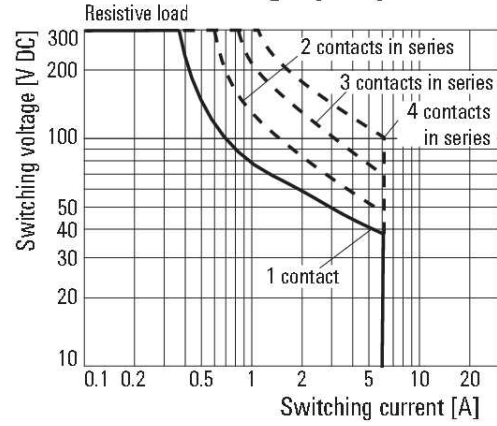
Downloads

Declaration of Conformity [K295_02_13.pdf](#)

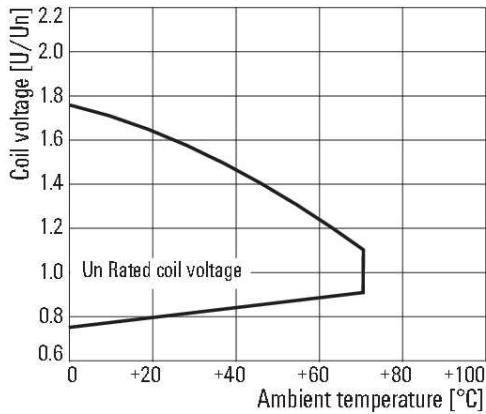
Electric symbol



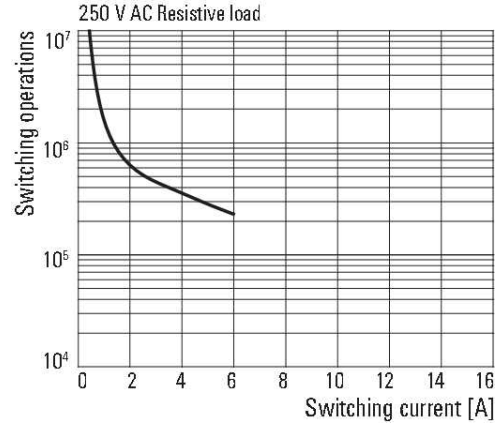
DC load breaking capacity



Operating voltage range AC



Electrical endurance



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Zeichnungen

Type code	RCM						with with LED + diode
Type RIDER Control Multiple							
Contacts							DC coil
2 2 CO contacts							006 6 V DC L06
3 3 CO contacts							012 12 V DC L12 AB2
5 4 CO contacts							024 24 V DC L24 AC4
							048 48 V DC L48 AE8
							060 60 V DC L60
Contact material							110 110 V DC M10 BB0
7 AgNi 90/10, with test button							220 220 V DC N20
8 AgNi 90/10 hgp, with test button							AC coil
Type of construction							506 6 V AC R06
0 Standard, 2.8 mm Faston							512 12 V AC R12
							524 24 V AC R24
							548 48 V AC R48
							615 115 V AC S15
							730 230 V AC T30