

**RIDERSERIES
RCM570615**

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	RCM570615
Order No.	118080000
Version	RIDERSERIES, Relais, No. of contacts: 4, CO contact with test button, AgNi 90/10, Rated control voltage: 115 V AC, Continuous current: 6 A, Plug-in connection
GTIN (EAN)	4008190113100
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	29.7 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	4845 Ω ± 12 %	Pull-inrop-out current, typ.	
Rated control voltage	115 V AC	Rated current AC	8.8 mA
Power rating	1.0 VA	Pull-inrop-out typ.	92 V / 34.5 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

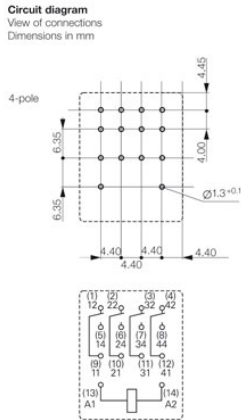


ROHS Conform

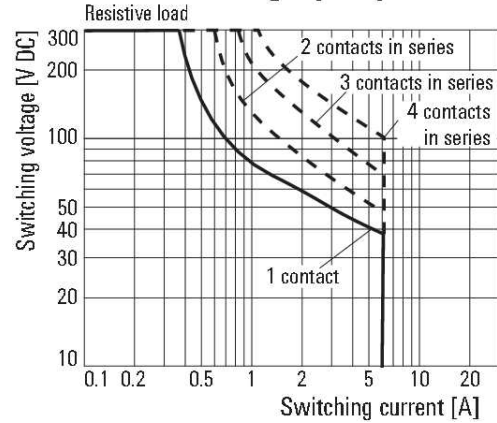
Downloads

Declaration of Conformity [K295_02_13.pdf](#)

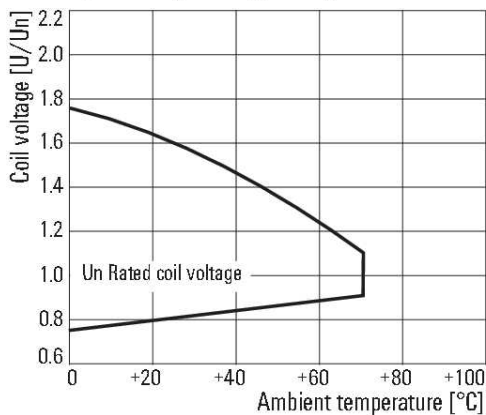
Electric symbol



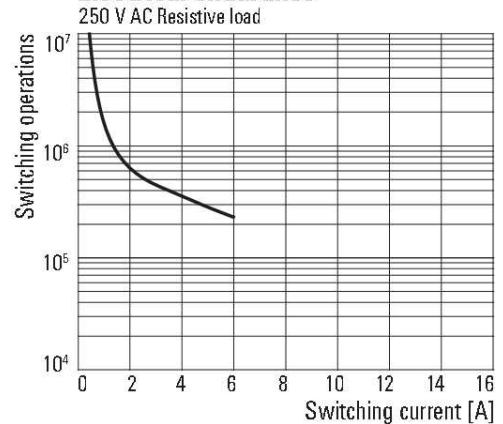
DC load breaking capacity



Operating voltage range AC



Electrical endurance



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Zeichnungen

Type code	<table border="1"><tr><td>RCM</td><td></td><td></td><td></td><td></td></tr></table>	RCM					
RCM							
Type	RIDER Control Multiple						
Contacts	2 2 CO contacts 3 3 CO contacts 5 4 CO contacts						
Contact material	7 AgNi 90/10, with test button 8 AgNi 90/10 hgp, with test button						
Type of construction	0 Standard, 2.8 mm Faston						
		DC coil					
		006 6 V DC L06					
		012 12 V DC L12 AB2					
		024 24 V DC L24 AC4					
		048 48 V DC L48 AE8					
		060 60 V DC L60					
		110 110 V DC M10 BB0					
		220 220 V DC N20					
		AC coil					
		506 6 V AC R06					
		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					