RIDERSERIES
RCM570615

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
- Comes optionally with integrated status display and/or free-wheel diode

General ordering data

Order No.	1180800000
Type	RCM570615
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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Technical data

Ratings

Conductor connection system	Plug-in connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Weight	30 g	UL 94 flammability rating	V-0

Dimensions and weights

Width	22.5 mm	Height	28 mm
Depth	29 mm	Weight	30 g
Net weight	29.7 g		

Temperatures

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

Input

Rated control voltage	115 V AC	Rated current AC	8.8 mA
Coil resistance	4,845 Ω ±12 %	Power rating	1.0 VA
Response / drop-out voltage AC coil	92 V / 34.5 V		

Output

Rated switching voltage	240 V AC	Max. switching voltage, AC	240 V
Continuous current	6 A	making current	12 A / 20 ms
Max. switching power	1500 VA	Response time	15 ms / 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 specifications

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

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_{eff} / 1 min.	Impulse withstand voltage	5 kV (1.2/50 µs)
Protection degree	IP 50	Insulating material group	IIIa

Other technical data

Version	Without LED

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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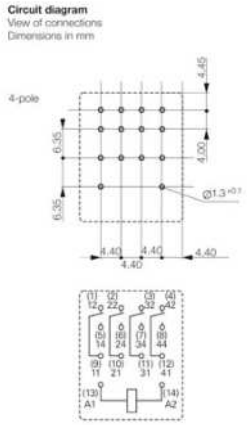
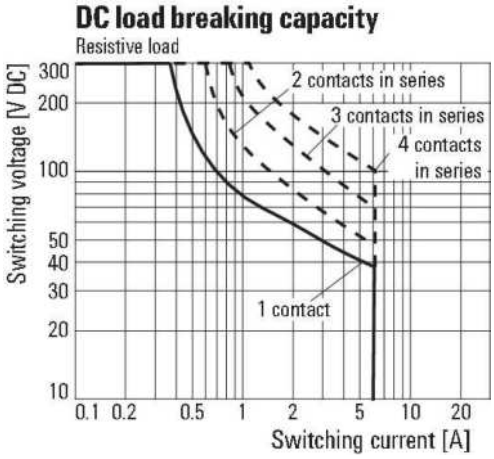
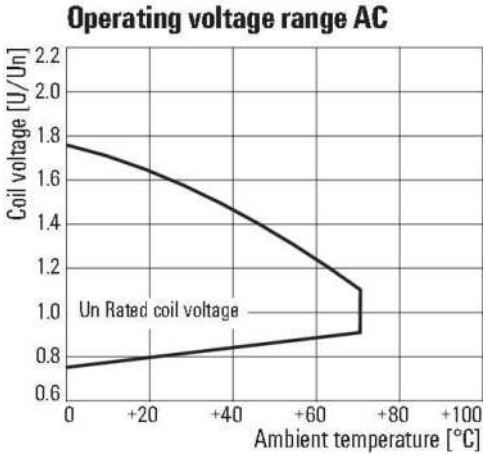
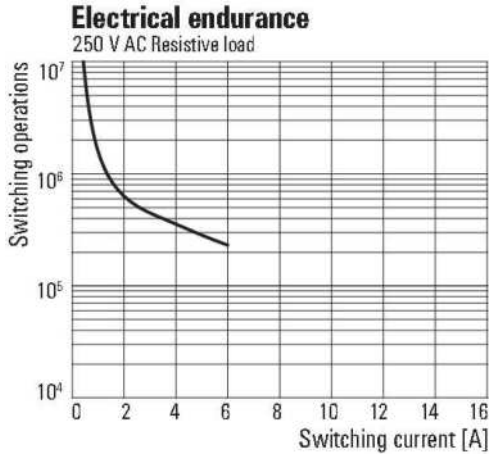
Drawings

Electric symbol









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Drawings

Type code 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

		with LED	with LED + diode
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	