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**RIDERSERIES
RCM270L12**

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

- 2 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.	8689850000
Type	RCM270L12
Version	RIDERSERIES, Relais, No. of contacts: 2, CO contact with test button, AgNi 90/10, Rated control voltage: 12 V DC, Continuous current: 12 A, Plug-in connection
GTIN (EAN)	4032248360529
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	31.3 g

Temperatures

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

Rated control voltage	12 V DC	Rated current DC	62.5 mA
Coil resistance	192 Ω ± 10 %	Power rating	750 mW
Pull-in (sparkover) / drop-out voltage DC coil	9.0 V / 1.2 V	Status indicator	Green LED

Output

Rated switching voltage	240 V AC	Max. switching voltage, AC	400 V
Continuous current	12 A	making current	24 A / 20 ms
Max. switching power	3000 VA	Response time	15 ms / 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 specifications

No. of contacts	2	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 20	Insulating material group	IIIa

Other technical data

Version	with LED	Status indicator	Green 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	40-02-06-14
eClass 5.1	27-37-16-01	eClass 6.0	27-37-16-01
eClass 7.0	27-37-16-01		

Approvals

Approvals

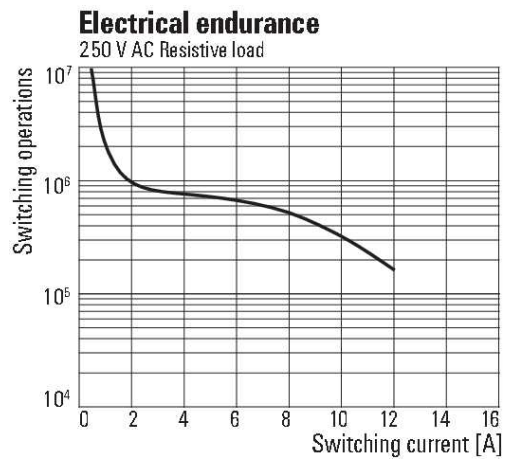
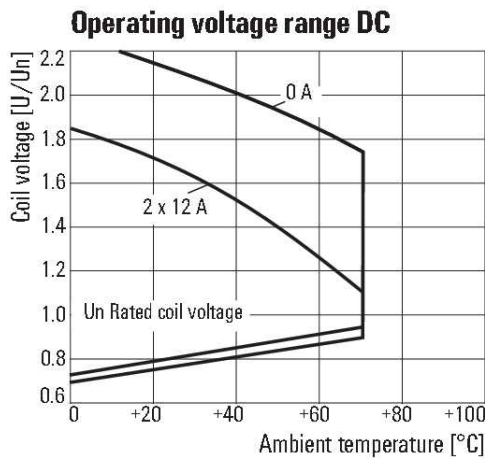
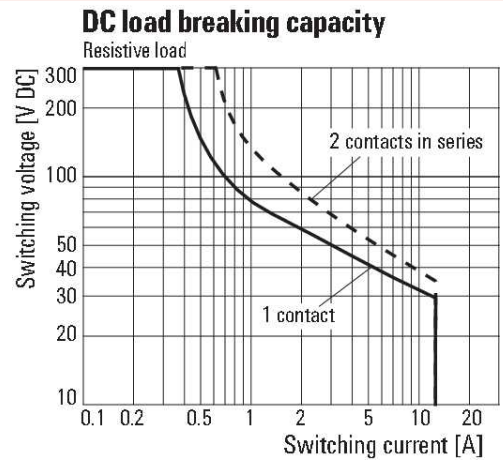
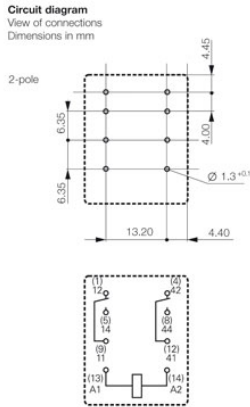
**Downloads**Declaration of Conformity [K295_12_10.pdf](#)

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Drawings

Pinning



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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						
					DC coil	with LED + diode
					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