

**RIDERSERIES  
RCM270024**

**Weidmüller Interface GmbH & Co. KG**  
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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**

Type	RCM270024
Order No.	<a href="#">8689860000</a>
Version	RIDERSERIES, Relais, No. of contacts: 2, CO contact with test button, AgNi 90/10, Rated control voltage: 24 V DC, Continuous current: 12 A, Plug-in connection
GTIN (EAN)	4032248360536
Qty.	10 pc(s).

## RIDERSERIES RCM270024

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## Technische Daten

### Dimensions and weights

Width	22.5 mm	Height	28 mm
Depth	29 mm	Net weight	27 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	777 Ω ± 10 %	Pull-inrop-out current, typ.	
Rated control voltage	24 V DC	Rated current DC	31.3 mA
Power rating	750 mW	Pull-inrop-out voltage, typ.	18 V / 2.4 V DC

### Output

Rated switching voltage	250 V AC	Max. switching voltage, AC	400 V
Continuous current	12 A	Inrush current	24 A / 20 ms
Schaltleistung AC (ohmsch), max.	3000 VA @ 250 V	Schaltleistung DC (ohmsch), max.	288 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	2	Contact design	CO contact with test button
Contact material	AgNi 90/10	Mechanical service life	AC coil 20 x 10 <sup>6</sup> Switching cycles, DC coil 30 x 10 <sup>6</sup> 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 <sub>eff</sub>
Dielectric strength, contact contact	2.5 kV <sub>eff</sub>	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 2:05:36 PM CET

**Datenblatt**

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**Technische Daten**

**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**



