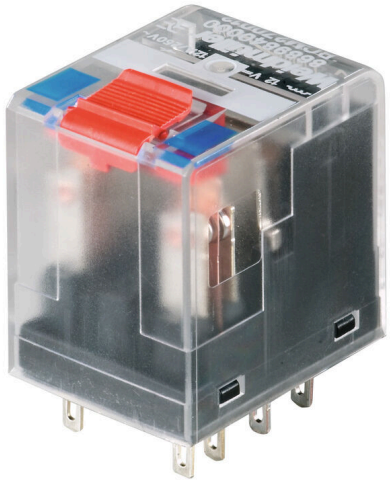
Data sheet

RCM570021

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



Similar to illustration

RoHS COMPLIANT

General ordering data

Version	RIDERSERIES RCM, Relay, Number of contacts: 4, CO contact with test button, Rated control voltage: 21 V DC, 16.8 V DC...24 V DC...30 V DC, Continuous current: 3 A, Plug-in connection, Test button available: Yes
Order No.	8935530000
Type	RCM570021
GTIN (EAN)	4032248711765
Qty.	10 items
Delivery status	This article will no longer be available in the future.
Last order date	2026-06-30T00:00:00+02:00

Data sheet

RCM570021

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	29 mm	Depth (inches)	1.1417 inch
Height	28 mm	Height (inches)	1.1024 inch
Width	22.5 mm	Width (inches)	0.8858 inch
Net weight	28.65 g		

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Control side

Rated control voltage	21 V DC, 16.8 V DC...24 V DC...30 V DC	Power rating	1 W
Status indicator	No		

Load side

Rated switching voltage	240 V AC	Continuous current	3 A
Max. switching frequency at rated load	0.1 Hz	Max. switching current	DC13: 24 V DC / 3 A, AC15: 230 V AC / 2 A
Switching voltage (AC), max.	240 V	AC switching capacity (resistive), max.	750 VA
Switch-on delay	≤ 15 ms	Switch-off delay	≤ 10 ms
Contact type	4 CO contact with test button	Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V

General data

Test button available	Yes	Version of test button	lockable
Mechanical switch position indicator	Yes	Colour	Transparent
UL 94 flammability rating	V-2		

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIa
Creepage and clearance distance input – output	≥ 4 mm	Dielectric strength, Input/Output	2.5 kVeff / 1 Min.
Dielectric strength of neighbouring contacts	2 kVeff / 1 min	Dielectric strength of open contact	1.2 kVeff /1 min.
Impulse withstand voltage	5 kV (1.2/50 µs)	Protection degree	IP20

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Technical data

Further details of approvals / standards

Standards	IEC 61810-1	Certificate No. (CSA)	249409-2426937

Connection data

Wire connection method	Plug-in connection

Classifications

ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

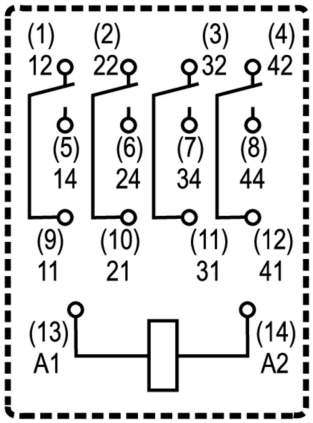
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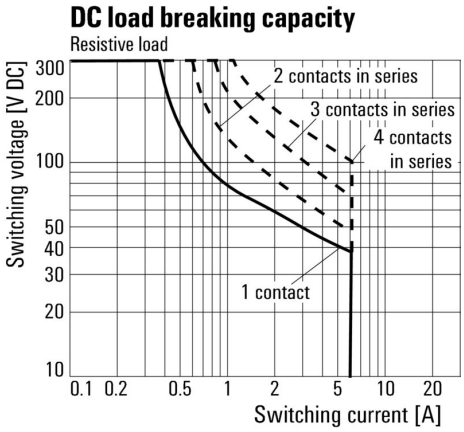
Drawings

Wiring diagram



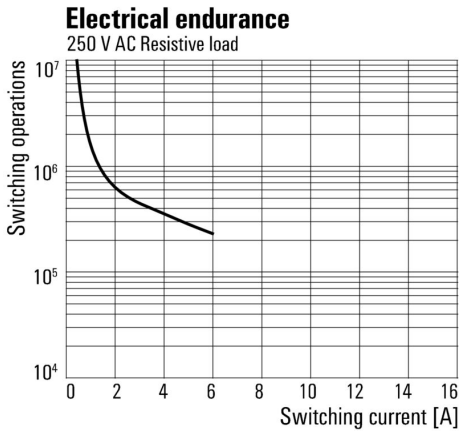
View of Pins from below

Graph



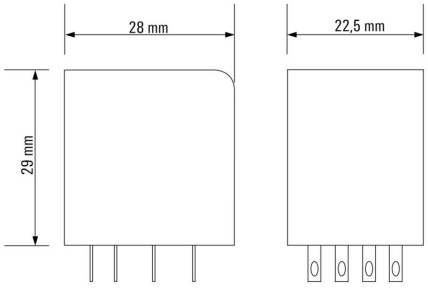
DC load limit curve Resistive load

Graph



Electrical service life 250 V AC resistive load

Dimensional drawing



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Drawings

Miscellaneous

Type codes