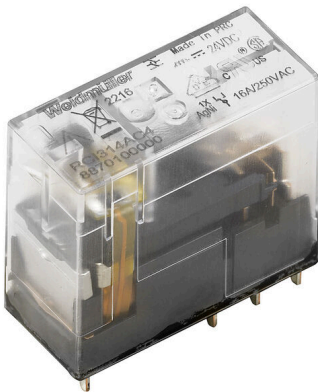


RCI424615

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

www.weidmueller.com

Product image



Similar to illustration

Individual relays within the RIDERSERIES RCI

- 2 CO contacts
- Optional AC or DC coils

General ordering data

Version	RIDERSERIES RCI, Relay, Number of contacts: 2, CO contact AgNi, Rated control voltage: 115 V AC, Continuous current: 8 A, Plug-in connection, Test button available: No
Order No.	8869930000
Type	RCI424615
GTIN (EAN)	4032248613298
Qty.	10 items
Delivery status	This article will no longer be available in the future.
Available until	2024-10-31T00:00:00+01:00
Alternative product	CRI20615

Technical data

Approvals

Approvals



ROHS	Conform
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Dimensions and weights

Depth	25.6 mm	Depth (inches)	1.0079 inch
Height	29 mm	Height (inches)	1.1417 inch
Width	13 mm	Width (inches)	0.5118 inch
Net weight	15.7 g		

Temperatures

Storage temperature	-40 °C...85 °C	Ambient temperature	-40 °C...70 °C
Operating temperature		Humidity	40 °C / 93 % rel. humidity, no condensation

Environmental Product Compliance

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

Control side

Rated control voltage	115 V AC	Rated current AC	6.6 mA
Power rating	760 mVA	Coil resistance	8100 Ω ± 15 %
Status indicator	No		

Load side

Rated switching voltage	240 V AC	Continuous current	8 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
Inrush current	15 A / 4 s	AC switching capacity (resistive), max.	2000 VA
DC switching capacity (resistive), max.	192 W @ 24 V	Switch-on delay	≤ 10 ms
Switch-off delay	≤ 6 ms	Contact type	2 CO contact (AgNi)
Mechanical service life	AC coil 5 x 106 switching cycles, DC coil 10 x 106 switching cycles	Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V

General data

Test button available	No	Mechanical switch position indicator	No
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
Clearance and creepage distances for control side - load side	≥ 8 mm	Dielectric strength for control side - load side	5 kVeff / 1 min
Dielectric strength of neighbouring contacts	2.5 kVeff / 1 Min.	Dielectric strength of open contact	1 kVeff / 1 min
Impulse withstand voltage	5 kV (1.2/50 µs)		

Technical data**Further details of approvals / standards**

Certificate No. (CSA)	249409-2426937
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Connection data

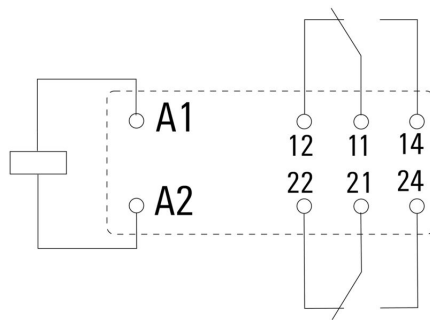
Wire connection method	Plug-in connection	Pitch in mm (P)	5.00 mm
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Classifications

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		

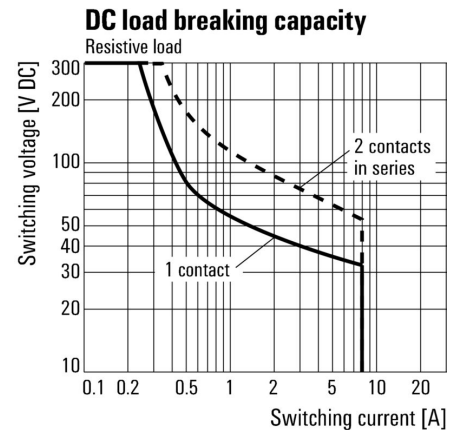
Drawings

Wiring diagram



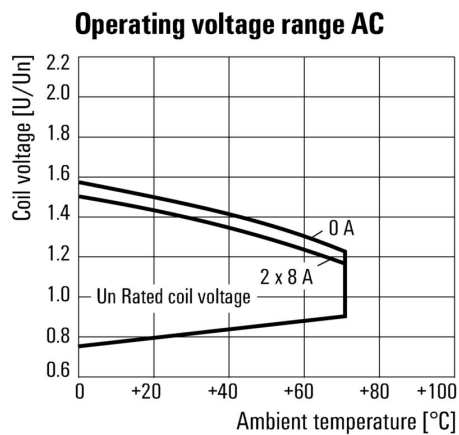
View of Pins from below

Graph



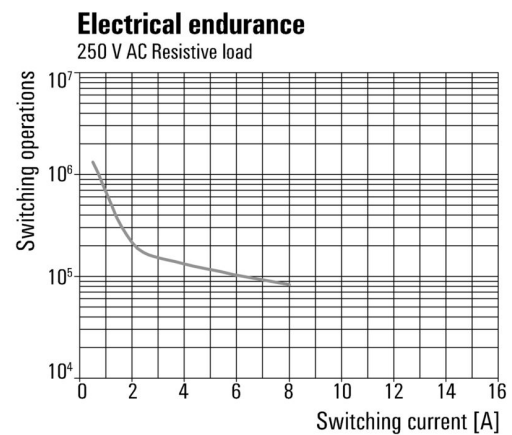
DC load limit curve Resistive load

Graph



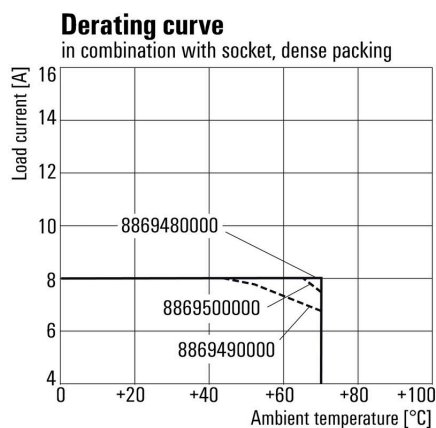
AC operational voltage range

Graph



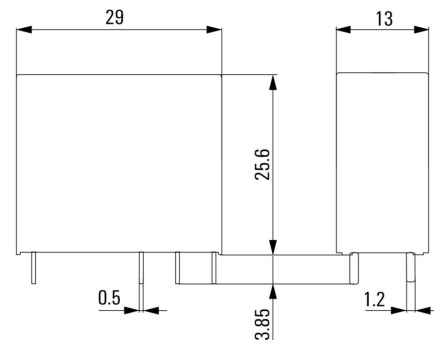
Electrical service life 250 V AC resistive load

Graph



Derating curve Relay in combination with base

Dimensional drawing



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Drawings
Miscellaneous

		RCI								
Type										
RIDER C ontrol Industrial										
Type of construction										
3	16 A pinning 5 mm									
4	8 A, pinning 5mm									
Type of contact										
1	1 CO without push button									
2	2 CO without push button									
7	1 CO with push button									
8	2 CO with push button									
Contact material										
4	AgNi 90/10									
		Coil voltage								
		012 12 V DC								
		024 24 V DC								
		048 48 V DC								
		110 110 V DC								
		AB2 12 V DC + LED + diode								
		AC4 24 V DC + LED + diode								
		AE8 48 V DC + LED + diode								
		BB0 110 V DC + LED + diode								
		524 24 V AC								
		615 115 V AC								
		730 230 V AC								
		R24 24 V AC + LED								
		S15 115 V AC + LED								
		T30 230 V AC + LED								

Type codes