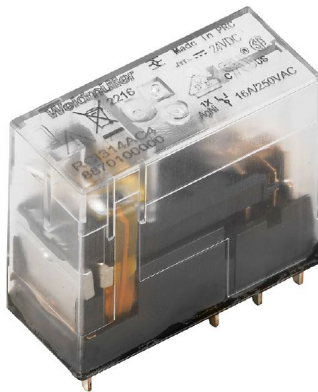


RCI424S15**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

Similar to illustration

Individual relays within the RIDERSERIES RCI

- 2 CO contacts
- AC coils
- With integrated status LED

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.	8870220000
Type	RCI424S15
GTIN (EAN)	4032248613588
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

RCI424S15

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Technical data

Approvals

Approvals



ROHS Conform

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	14.48 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	7.1 mA
Power rating	814 mVA	Coil resistance	8100 Ω ± 15 %
Status indicator	red LED		

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)		

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www.weidmueller.com**Technical data****Further details of approvals / standards**

Certificate No. (CSA)	249409-2426937
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Connection data

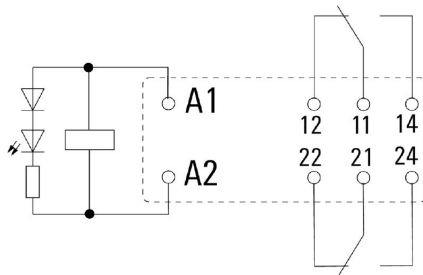
Wire connection method	Plug-in connection	Pitch in mm (P)	5.00 mm
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Classifications

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		

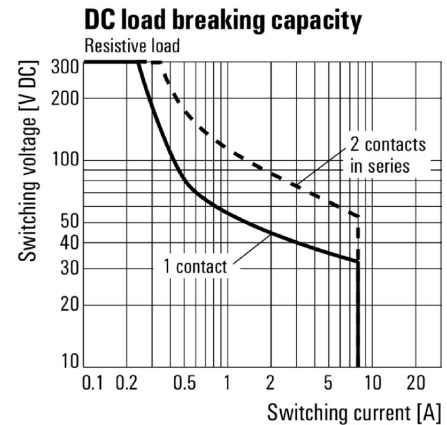
Drawings

Wiring diagram



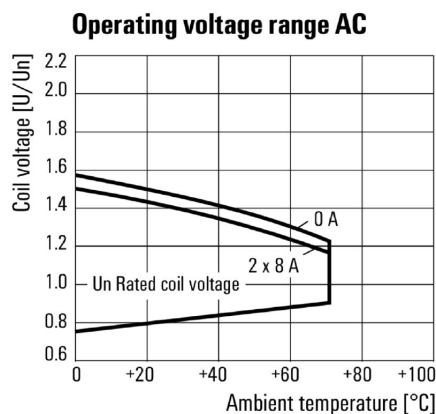
View of Pins from below

Graph



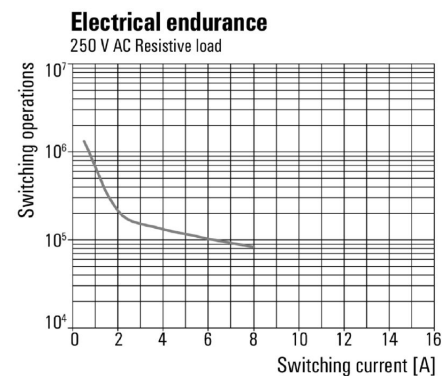
DC load limit curve Resistive load

Graph



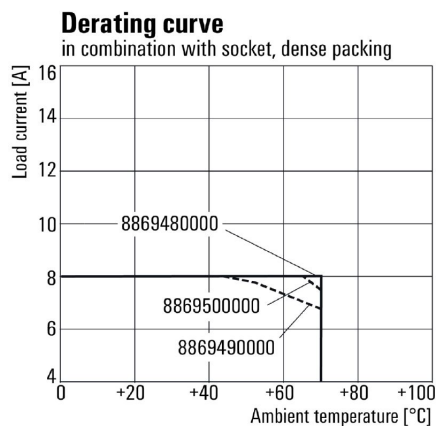
AC operational voltage range

Graph



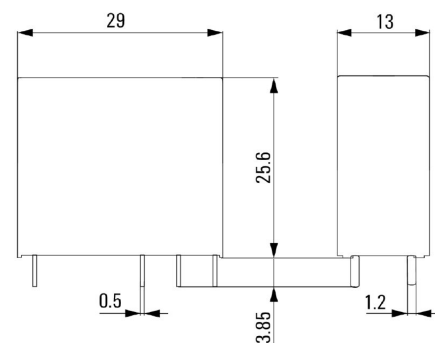
Electrical service life 250 V AC resistive load

Graph



Derating curve Relay in combination with base

Dimensional drawing



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Drawings
Miscellaneous

		RCI								
Type										
RIDER Control 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