

RCI424024**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: 24 V DC, Continuous current: 8 A, Plug-in connection, Test button available: No
Order No.	8869890000
Type	RCI424024
GTIN (EAN)	4032248613236
Qty.	10 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2026-01-31
Alternative product	3052430000

Creation date June 16, 2025 5:26:45 PM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

RCI424024

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	25.6 mm	Depth (inches)	1.008 inch
Height	29 mm	Height (inches)	1.142 inch
Width	13 mm	Width (inches)	0.512 inch
Net weight	16.4 g		

Temperatures

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

Control side

Rated control voltage	24 V DC	Rated current DC	16.7 mA
Power rating	400 mW	Coil resistance	1440 $\Omega \pm 10\%$
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 5×10^6 switching cycles, DC coil 10×10^6 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 kV _{eff} / 1 min
Dielectric strength of neighbouring con- tacts	2.5 kV _{eff} / 1 Min.	Dielectric strength of open contact	1 kV _{eff} / 1 min
Impulse withstand voltage	5 kV (1.2/50 μ s)		

Further details of approvals / standards

Certificate No. (CSA)	249409-2426937
-----------------------	----------------

Connection data

Wire connection method	Plug-in connection	Pitch in mm (P)	5 mm
------------------------	--------------------	-----------------	------

RCI424024

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	EC001437
ETIM 10.0	EC001437	ECLASS 9.0	27-37-16-01
ECLASS 9.1	27-37-16-01	ECLASS 10.0	27-37-16-01
ECLASS 11.0	27-37-16-01	ECLASS 12.0	27-37-16-01
ECLASS 13.0	27-37-16-01	ECLASS 14.0	27-37-16-01
ECLASS 15.0	27-37-16-01		

Environmental Product Compliance

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Product Change Notification	20220511 Product consolidation RIDERSERIES RCI relays 20220511 Produktkonsolidierung RIDERSERIES RCI Relais
Catalogues	Catalogues in PDF-format
Brochures	

RCI424024

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

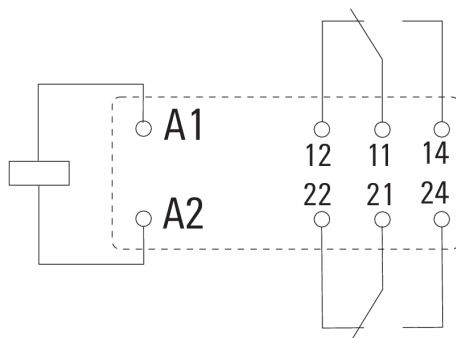
D-32758 Detmold

Germany

www.weidmueller.com

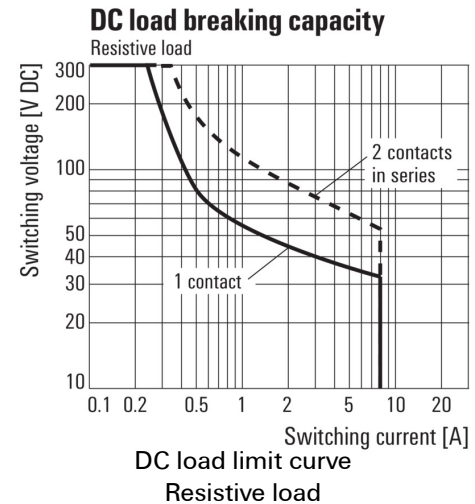
Drawings

Wiring diagram

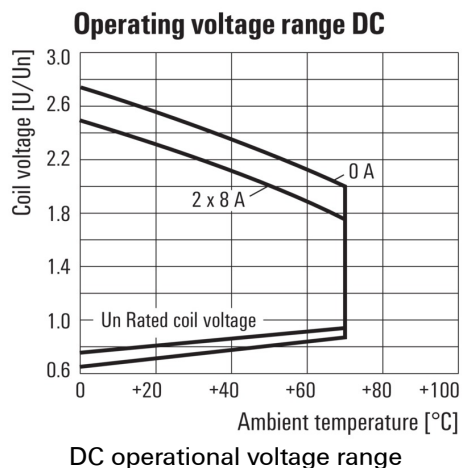


View of Pins from below

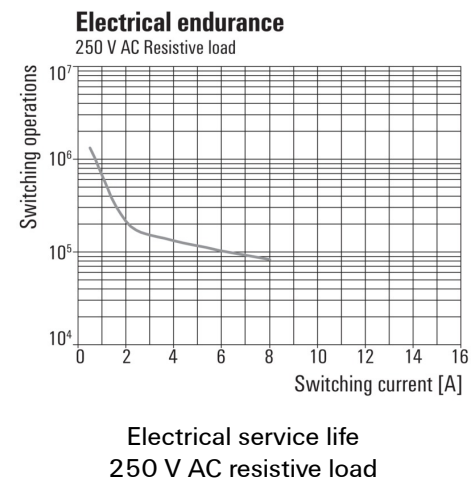
Graph



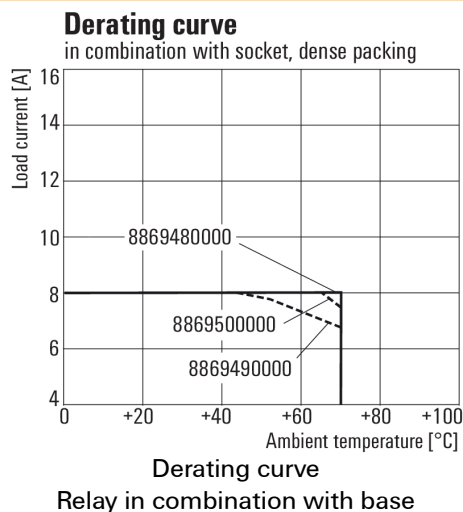
Graph



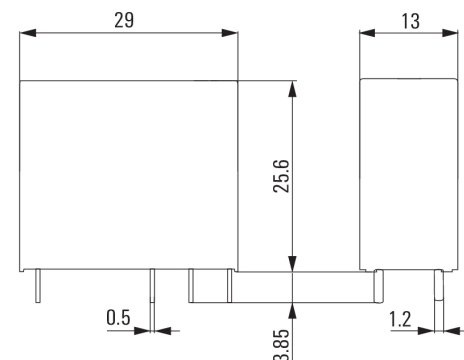
Graph



Graph



Dimensional drawing



RCI424024**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Drawings

Miscellaneous

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

Type codes