

**RCL425730****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

**General ordering data**

Version	RIDERSERIES RCL, Relay, Number of contacts: 2, CO contact AgNi gold-plated, Rated control voltage: 230 V AC, Continuous current: 8 A, Plug-in connection, Test button available: No
Order No.	<a href="#">4058640000</a>
Type	RCL425730
GTIN (EAN)	4032248189403
Qty.	20 pc(s).

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**Technical data****Dimensions and weights**

Depth	15.7 mm	Depth (inches)	0.618 inch
Height	29 mm	Height (inches)	1.142 inch
Width	12.7 mm	Width (inches)	0.5 inch
Net weight	17 g		

**Temperatures**

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

**Rated data UL**

Certificate No. (cURus)	E522350
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**Control side**

Rated control voltage	230 V AC	Rated current AC	3.2 mA
Power rating	0.75 VA	Coil resistance	32500 Ω ± 15 %
Coil tolerance	15 %	Status indicator	No

**Load side**

Rated switching voltage	250 V AC	Continuous current	8 A
Max. switching frequency at rated load	0.1 Hz	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	≤ 8 ms	Switch-off delay	≤ 6 ms
Contact type	2 CO contact (AgNi gold-plated)	Mechanical service life	5 x 10 <sup>6</sup> switching cycles
Min. switching power	1 mA @ 1 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
Creepage and clearance distance input – output	≥ 10 mm	Dielectric strength, Input/Output	5 kV <sub>eff</sub> / 1 min
Dielectric strength of neighbouring contacts	2.5 kV <sub>eff</sub> / 1 Min.	Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min
Protection degree	IP20		

**Further details of approvals / standards**

Standards	IEC 61810-1, UL508	Certificate No. (CSA)	249409-2426937
Certificate No. (VDE)	40020589	Certificate No. (cURus)	E522350

**Connection data**

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

## Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	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

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E522350

## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

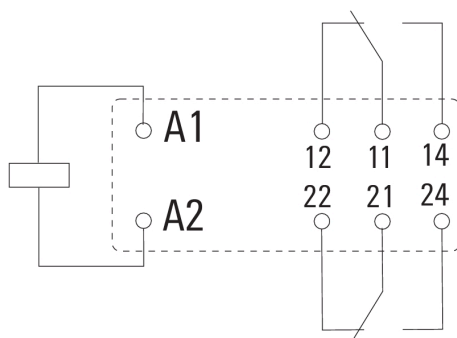
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Klingenbergstraße 26

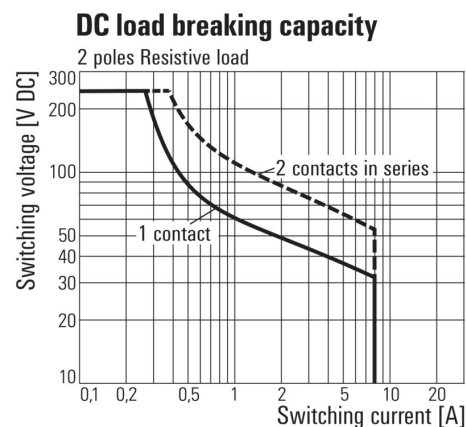
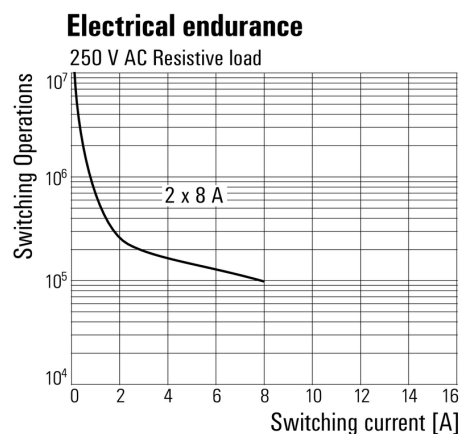
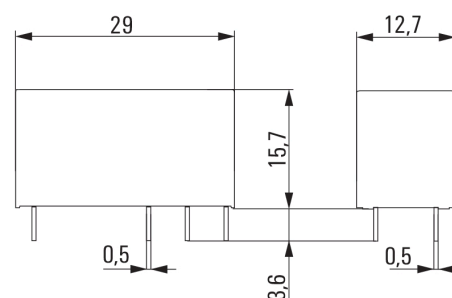
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**Drawings****Wiring diagram**

View of Pins from below

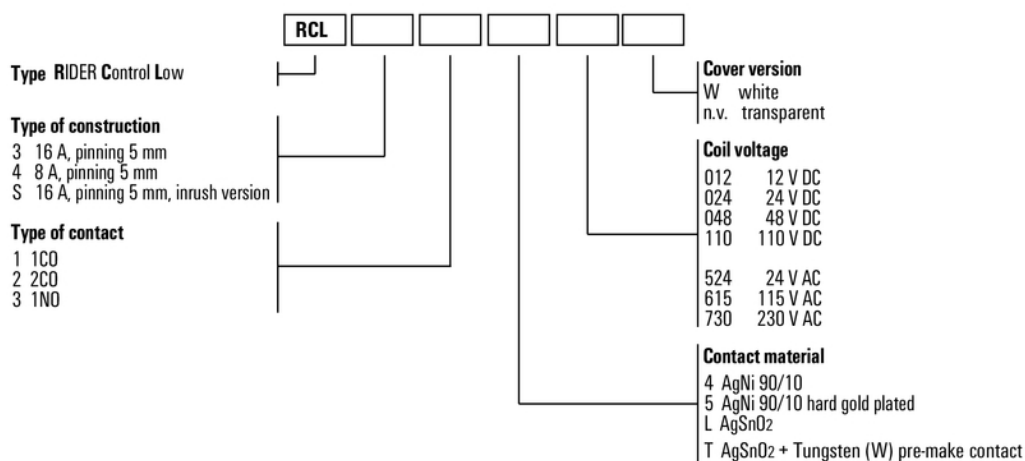
**Graph**DC load limit curve  
Resistive load**Graph**Electrical service life  
250 V AC resistive load

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Type codes