

RCL454024**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Similar to illustration

Individual relays for TERMSERIES

- Electromechanical relays
- Different contact materials

General ordering data

Version	TERMSERIES, Relay, Number of contacts: 2, CO contact AgNi, Rated control voltage: 24 V DC, Continuous current: 8 A, Plug-in connection, Test button available: Yes
Order No.	2972690000
Type	RCL454024
GTIN (EAN)	4099986795273
Qty.	10 items

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E223474

Dimensions and weights

Depth	29 mm	Depth (inches)	1.1417 inch
Height	25.5 mm	Height (inches)	1.0039 inch
Width	13 mm	Width (inches)	0.5118 inch
Net weight	99.9 g		

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...70 °C
Humidity	5...85 % rel. humidity, no condensation		

Environmental Product Compliance

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

Rated data UL

Certificate No. (cURus)	E223474
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Control side

Rated control voltage	24 V DC	Coil resistance	1440 Ω ± 10 %
Status indicator	Yes		

Load side

Rated switching voltage	250 V AC	Max. switching frequency at rated load	0.1 Hz
Max. switching current	8 A	Max. switching voltage, AC	250 V
Switch-on delay	≤ 15 ms	Switch-off delay	≤ 8 ms
Contact type	2 CO contact (AgNi)	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 test button, Momentary test button
Mechanical switch position indicator	Yes	Colour	black
UL 94 flammability rating	V-2		

Insulation coordination

Pollution severity	3	Surge voltage category	III
Creepage and clearance distance input -8 mm output		Dielectric strength, Input/Output	5 kVeff / 1min

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Dielectric strength of open contact	1 kVeff / 1 min	Impulse withstand voltage	1.2/50 µs
Impulse withstand voltage at input and output	1.2/50 µs		

Further details of approvals / standards

Certificate No. (VDE)	40057912	Certificate No. (cURus)	E223474
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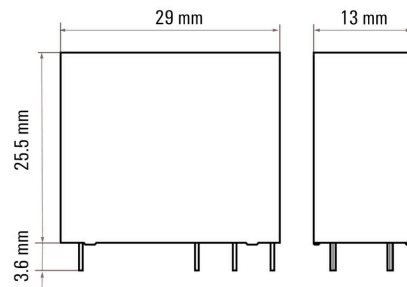
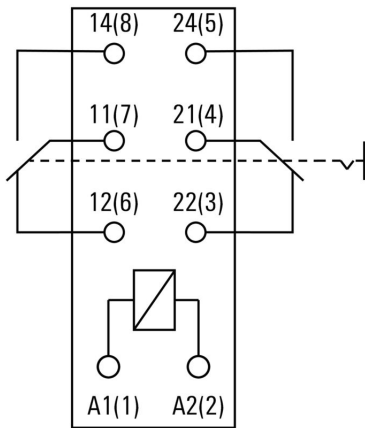
Connection data

Wire connection method	Plug-in connection
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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		

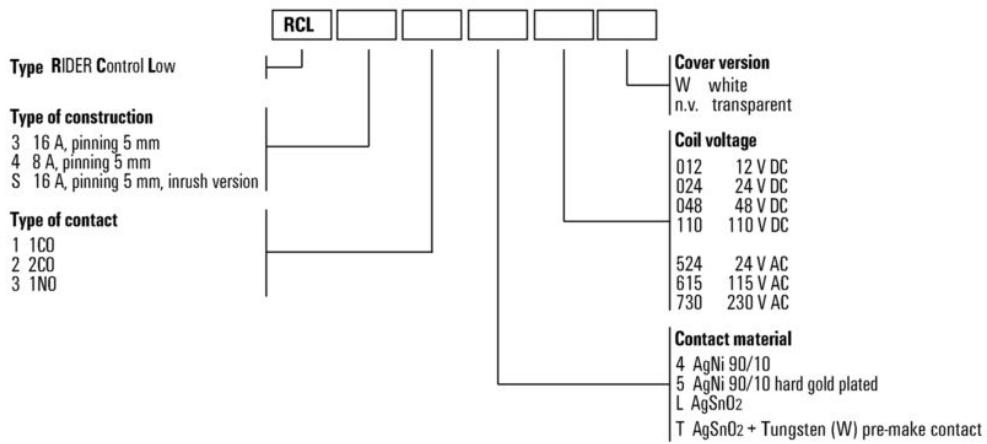
Wiring diagram



Graph



Miscellaneous



Type codes