

## CRI22024T

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



Similar to illustration

Individual relays within the CUBESERIES CRI with test

button Individual relays within the CUBESERIES CRI

- Control voltages from 12 - 110 V DC and 24 - 230V AC
- 2 CO contacts (8A)
- With test buttons with colour coding (AC coil: orange, DC coil: blue)
- With mechanical status indicator

### General ordering data

Version	CUBESERIES, Number of contacts: 2, CO contact AgNi gold-plated, Rated control voltage: 24 V DC, Continuous current: 8 A, Plug-in connection, Test button available: Yes
Order No.	<a href="#">3181760000</a>
Type	CRI22024T
GTIN (EAN)	4099987915557
Qty.	10 items

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## Technical data

## Approvals

Approvals	CSA; CURUS
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E223474

## Dimensions and weights

Depth	25.5 mm	Depth (inches)	1.0039 inch
Height	29 mm	Height (inches)	1.1417 inch
Width	13 mm	Width (inches)	0.5118 inch
Net weight	14 g		

## Temperatures

Storage temperature	-40 °C...70 °C	Ambient temperature	-40 °C...70 °C
Operating temperature		Humidity	35...85 % RH (at ambient temperature)

## Rated data UL

Certificate No. (cURus)	E223474
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## Control side

Rated control voltage	24 V DC	Rated current DC	16.7 mA
Power rating	400 mW	Coil resistance	1440 Ω ± 10 %
Status indicator	No		

## Load side

Rated switching voltage	250 V AC	Continuous current	8 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
Inrush current	12 A / 20 ms	AC switching capacity (resistive), max.	2000 VA
DC switching capacity (resistive), max.	192 W @ 24 V	Switch-on delay	≤ 15 ms
Switch-off delay	≤ 8 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	Yes	Mechanical switch position indicator	Yes
Colour	Transparent	UL 94 flammability rating	V-2

## Insulation coordination

Rated voltage	250 V	Pollution severity	3
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 <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
Impulse withstand voltage	6 kV (1.2/50 μs)		

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

Certificate No. (CSA)	607226-80220633	Certificate No. (cURus)	E223474
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**Connection data**

Wire connection method	Plug-in connection
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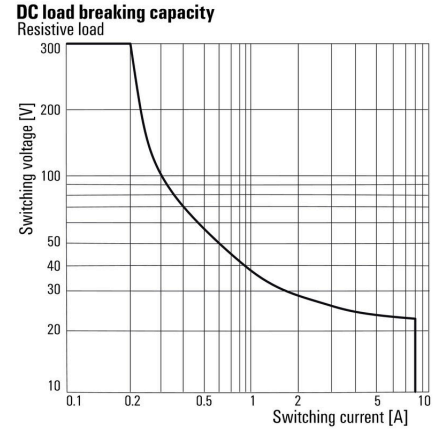
**Classifications**

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		

**Connection diagram**



**Graph**



**Graph**



**Graph**

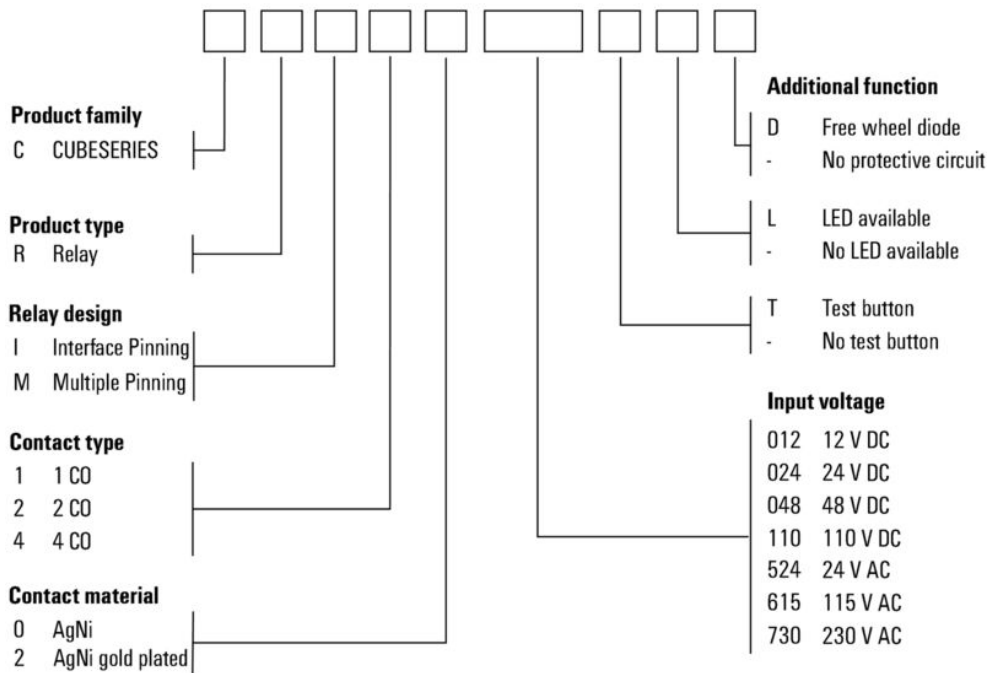


**Dimensional drawing**



Miscellaneous

**Type code CUBESERIES relay versions**



Type codes