

CRI22024**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

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: No
Order No.	3180690000
Type	CRI22024
GTIN (EAN)	4099987902335
Qty.	10 items

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Technical data

Approvals

Approvals	CSA; CURUS
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E223474

Dimensions and weights

Depth	15.7 mm	Depth (inches)	0.6181 inch
Height	29 mm	Height (inches)	1.1417 inch
Width	12.7 mm	Width (inches)	0.5 inch
Net weight	14 g		

Temperatures

Storage temperature	-40 °C...85 °C	Ambient temperature	-20 °C...70 °C
Operating temperature	-20 °C...70 °C		

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
AC switching capacity (resistive), max.	2000	DC switching capacity (resistive), max.	384 W @ 24 V
Switch-on delay	≤ 12 ms	Switch-off delay	≤ 6 ms
Contact type	2 CO contact (AgNi gold-plated)	Mechanical service life	3 x 10 ⁷ switching cycles
Min. switching power	1 mA @ 1 V		

General data

Test button available	No
Mechanical switch position indicator	No
Colour	blue
UL 94 flammability rating	V-2
UL94 flammability rating component	UL94 flammability rating V-2

Insulation coordination

Rated voltage	250 V	Pollution severity	3
Surge voltage category	III	Clearance and creepage distances for control side - load side	≥ 10 mm
Dielectric strength for control side - load side	5 kV _{eff} / 1min	Dielectric strength of neighbouring contacts	2.5 kV _{eff} / 1 Min.
Dielectric strength of open contact	1 kV _{eff} / 1 min	Impulse withstand voltage	4 kV (1.2/50 μs)
Protection degree	IP40		

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

Certificate No. (CSA)	607178-80219312	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



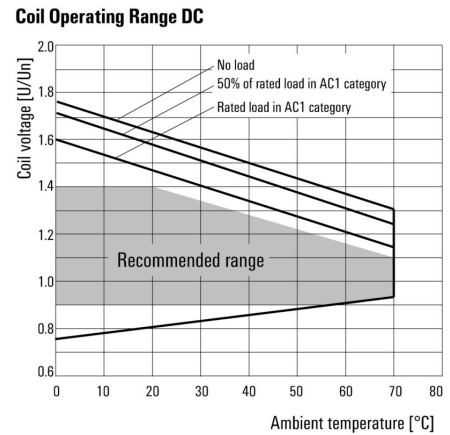
Graph



Graph



Graph



Dimensional drawing



Miscellaneous

Type code CUBESERIES relay versions



Type codes