

CRI10012T**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

General ordering data

Version	CUBESERIES, Relay, Number of contacts: 1, CO contact AgNi, Rated control voltage: 12 V DC +10 % / -20 %, Continuous current: 16 A, Plug-in connection, Test button available: Yes
Order No.	3052350000
Type	CRI10012T
GTIN (EAN)	4099987022187
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	25.5 mm	Depth (inches)	1.004 inch
Height	29 mm	Height (inches)	1.142 inch
Width	13 mm	Width (inches)	0.512 inch
Net weight	15 g		

Temperatures

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

Rated data UL

Certificate No. (cURus)	E223474
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Control side

Rated control voltage	12 V DC + 10 % / -20 %	Rated current DC	33.3 mA
Power rating	400 mW	Coil resistance	360 Ω ± 10 %
Status indicator	No		

Load side

Rated switching voltage	250 V AC	Continuous current	16 A
Max. switching frequency at rated load	0.1 Hz	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	AC switching capacity (resistive), max.	4000 VA
DC switching capacity (resistive), max.	384 W @ 24 V	Switch-on delay	≤ 15 ms
Switch-off delay	≤ 8 ms	Contact type	1 CO contact (AgNi)
Mechanical service life	5 x 10 ⁶ switching cycles	Min. switching power	10 mA @ 12 V, 100 mA @ 5 V

General data

Operating altitude	≤ 2000 m, above sea level	Test button available	Yes
Version of test button	Lockable test button, Momentary test button	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 _{eff} / 1 min
Dielectric strength of open contact	1 kV _{eff} / 1 min	Impulse withstand voltage	6 kV (1.2/50 μs)
Impulse withstand voltage at neighbouring contacts	4 kV (1.2/50 μs)		

Further details of approvals / standards

Certificate No. (CSA)	607226-80220633	Certificate No. (VDE)	40057912
Certificate No. (cURus)	E223474		

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www.weidmueller.com**Technical data****Connection data**

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E223474

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

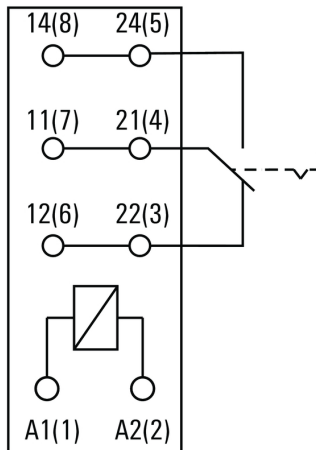
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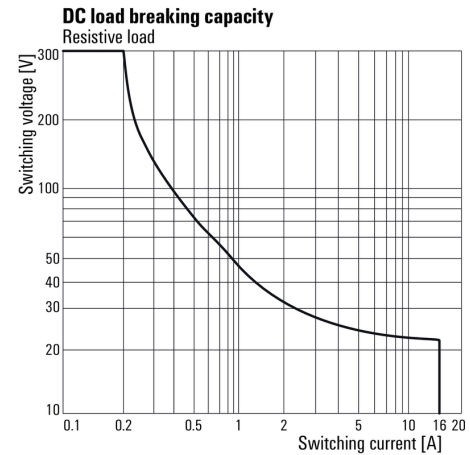
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Drawings

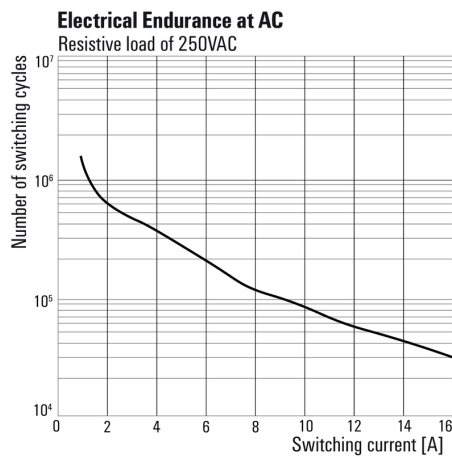
Connection diagram



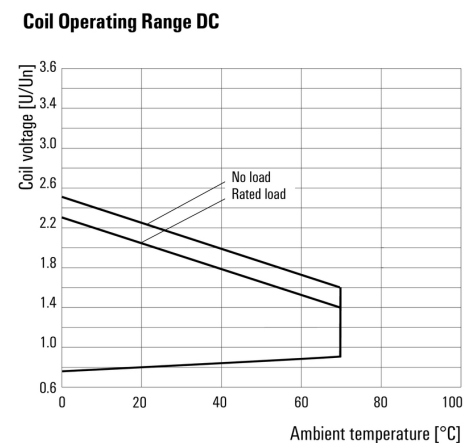
Graph



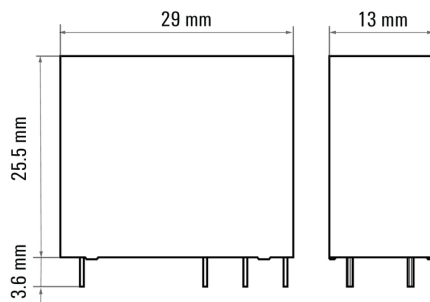
Graph



Graph



Dimensional drawing

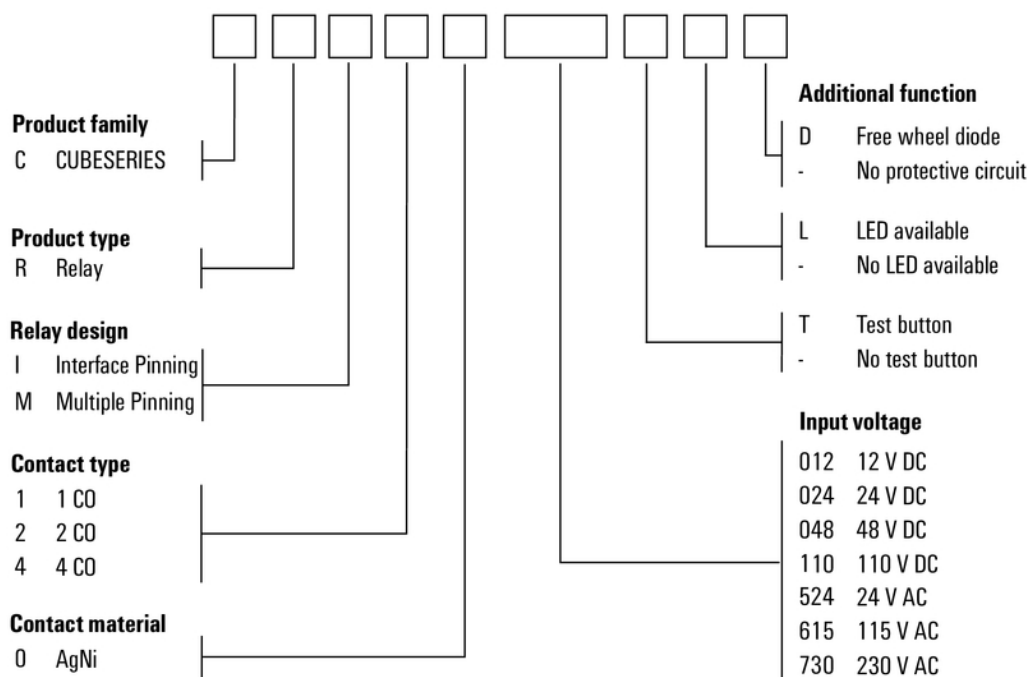


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www.weidmueller.com**Drawings****Miscellaneous****Type code CUBESERIES relay versions**

Type codes