

RCL424012T**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

General ordering data

Version	TERMSERIES, Relay, Number of contacts: 2, CO contact AgNi, Rated control voltage: 12 V DC, Continuous current: 8 A, Plug-in connection, Test button available: No
Order No.	1989060000
Type	RCL424012T
GTIN (EAN)	4050118383119
Qty.	20 pc(s).

RCL424012T

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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	13.3 g		

Temperatures

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

Rated data UL

Certificate No. (cURus)	E302101
-------------------------	---------

Control side

Rated control voltage	12 V DC	Power rating	480 mW
Coil resistance	360 $\Omega \pm 10\%$	Status indicator	No

Load side

Rated switching voltage	250 V AC	Continuous current	8 A
Max. switching frequency at rated load	0.1 Hz	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)	Mechanical service life	30 x 10 ⁶ switching cycles
Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V		

General data

Test button available	No	Mechanical switch position indicator	No
Colour	Transparent		

Insulation coordination

Rated voltage	400 V	Pollution severity	3
Surge voltage category	III	Creepage and clearance distance input – output	≥ 10 mm
Dielectric strength, Input/Output	5 kV _{eff} / 1 min	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 μ s)
Protection degree	IP40 (in plugged condition)		

Further details of approvals / standards

Standards	IEC 61810-1	Certificate No. (cURus)	E302101
-----------	-------------	-------------------------	---------

Connection data

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

RCL424012T

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

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_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E302101

Environmental Product Compliance

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

Downloads

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Industrial Relays](#) category:

Click to view products by [Weidmuller](#) manufacturer:

Other Similar products are found below :

[6-1617801-8](#) [CX-3958](#) [EV250-4A-02](#) [EV250-6A-01](#) [FCA-210-113](#) [FCA-325-159](#) [1-1833005-4](#) [H-16/S1](#) [H-8C](#) [ACC530U20](#) [HF3FF/024-1ZST\(257\)](#) [HFE10-1/12-HT-L2\(257\)](#) [EB3L-S10SAN](#) [1618095-3](#) [1618104-9](#) [1618279-1](#) [BHR124Y](#) [N417](#) [2-1618398-1](#) [88DHSX-6](#)
[SF5201F02](#) [301-17SX](#) [1618105-2](#) [1618276-6](#) [1655HS-1C-24VDC](#) [A837D](#) [A862B1](#) [ACC730-8025B](#) [SZ-T13](#) [2-1618002-9](#) [2-1618273-3](#)
[CGE40-2P-20AN](#) [HFW12111S02](#) [RF170Z-5](#) [401-45X](#) [4-1618248-5](#) [42RO-500S-SIL](#) [AVR869](#) [MDR-4088](#) [B466B](#) [MH-17](#) [BHR349](#) [3-1618060-1](#) [3-1618248-9](#) [JQ1AE-5V](#) [D7T](#) [42RO-50G-SIL](#) [DL-HANDLE](#) [46488](#) [RP9809-G1](#)