

RCLKIT 24VDC 2CO LED GN**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****General ordering data**

Version	RIDERSERIES RCL, Relay module, Number of contacts: 2, CO contact AgNi, Rated control voltage: 24 V DC, Continuous current: 8 A, Screw connection, Test button available: No
Order No.	7940006157
Type	RCLKIT 24VDC 2CO LED GN
GTIN (EAN)	4032248474776
Qty.	10 pc(s).
Relevant base	8690830000
Relevant relay	4058570000

Creation date September 14, 2022 6:48:09 PM CEST

RCLKIT 24VDC 2CO LED GN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	66 mm	Depth (inches)	2.598 inch
Height	78 mm	Height (inches)	3.071 inch
Width	16 mm	Width (inches)	0.63 inch
Net weight	66.3 g		

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...70 °C
Humidity	40 °C / 93 % rel. humidity, no condensation		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Control side

Rated control voltage	24 V DC	Rated current DC	16.7 mA
Power rating	500 mW	Pull-in/drop-out voltage, typ.	16.8 V / 2.4 V DC
Coil resistance	1440 $\Omega \pm 10\%$	Coil tolerance	10 %
Status indicator	Green LED	Protective circuit	Free-wheeling diode

Load side

Rated switching voltage	250 V AC	Continuous current	8 A
Inrush current	15 A / 4 s	AC switching capacity (resistive), max.	4000 VA
DC switching capacity (resistive), max.	384 W @ 24 V	Switch-on delay	≤ 10 ms
Switch-off delay	≤ 6 ms	Contact type	2 CO contact (AgNi)
Mechanical service life	DC coil 30 x 10 ⁶ switching cycles	Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V

General data

Rail	TS 35	Test button available	No
Mechanical switch position indicator	No	Colour	black
UL 94 flammability rating	V-2		

Insulation coordination

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	C
Creepage and clearance distance input – output	≥ 10 mm	Dielectric strength, Input/Output	5 kV _{eff} / 1 min
Protection degree	IP20		

Further details of approvals / standards

Certificate no. (CSA) relay	249409-2426937	Certificate no. (cURus) relay	E224238
Certificate no. (cURus) base	E223759		

Connection data

Wire connection method	Screw connection	Clamping range, rated connection	2.5 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²
Blade size	size PH0		

Creation date September 14, 2022 6:48:09 PM CEST

RCLKIT 24VDC 2CO LED GN**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	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

Approvals

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[EU Konformitätserklärung / EU Declaration of Conformity](#)

Engineering Data

[EPLAN, WSCAD](#)

Catalogues

[Catalogues in PDF-format](#)

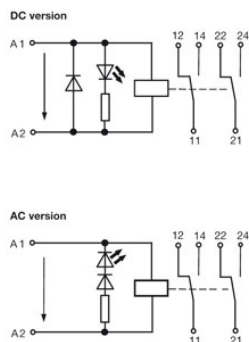
RCLKIT 24VDC 2CO LED GN

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Drawings

Wiring diagram



Graph

