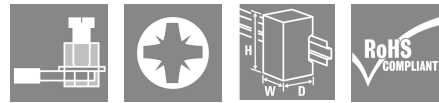


RCLKIT 230VAC 1CO LED RT

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

www.weidmueller.com

Product image



Similar to illustration

General ordering data

Version	RIDERSERIES RCL, Relay module, Number of contacts: 1, CO contact AgNi, Rated control voltage: 230 V AC, Continuous current: 12 A, Screw connection, Test button available: No
Order No.	7940006160
Type	RCLKIT 230VAC 1CO LED RT
GTIN (EAN)	4032248474752
Qty.	10 items
Delivery status	Discontinued
Last order date	2025-09-30T00:00:00+02:00
Alternative product	CRIKIT S 230VAC 1CO L

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	66 mm	Depth (inches)	2.5984 inch
Height	78 mm	Height (inches)	3.0709 inch
Width	16 mm	Width (inches)	0.6299 inch
Net weight	58.61 g		

Temperatures

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

Environmental Product Compliance

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

Control side

Rated control voltage	230 V AC	Rated current AC	3.2 mA
Power rating	0.75 VA	Coil resistance	32500 Ω ± 15 %
Status indicator	red LED	Protective circuit	Free-wheeling diode

Load side

Rated switching voltage	250 V AC	Continuous current	16 A
Inrush current	30 A / 4 s	AC switching capacity (resistive), max.	4000 VA
DC switching capacity (resistive), max.	384 W @ 24 V	Switch-on delay	≤ 7 ms
Switch-off delay	≤ 4 ms	Contact type	1 CO contact (AgNi)
Mechanical service life	AC coil 10 x 10 ⁶ switching cycles	Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V

General data

Mounting 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 → ≥ 10 mm output		Dielectric strength, Input/Output	5 kVeff / 1min
Protection degree	IP20		

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Further details of approvals / standards

Relevant relay	RCL314730	Relevant base	SRC 2CO
Certificate no. (CSA) relay	249409-2426937	Certificate no. (cURus) relay	E522350
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		

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		

RCLKIT 230VAC 1CO LED RT

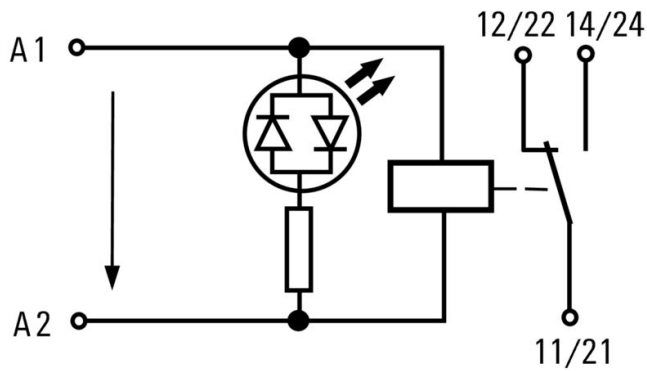
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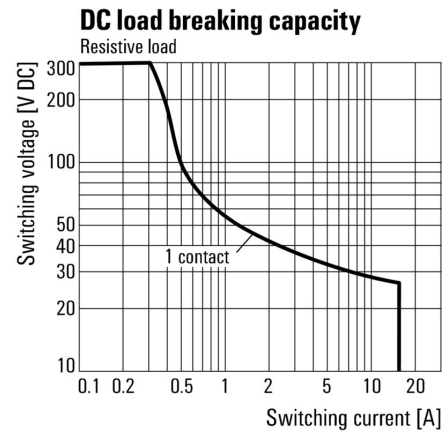
Drawings

Wiring diagram

AC-Version



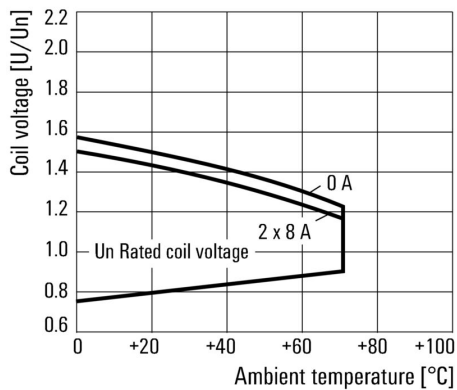
Graph



DC load limit curve Resistive load

Graph

Operating voltage range AC



AC operational voltage range