Data sheet

RCLKIT 115VAC 2CO 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: 2, CO contact AgNi, Rated control voltage: 115 V AC, Continuous current: 8 A, Screw connection, Test button available: No
Order No.	8810100000
Type	RCLKIT 115VAC 2CO LED RT
GTIN (EAN)	4032248509621
Qty.	10 items
Delivery status	This article will no longer be available in the future.
Available until	2025-09-30T00:00:00+02:00

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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	66.1 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	115 V AC	Rated current AC	6.6 mA
Power rating	0.75 VA	Coil resistance	8100 Ω ± 15 %
Status indicator	red 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	AC coil 5 x 106 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

Pollution severity	2	Dielectric strength, Input/Output	5 kVeff / 1min
Protection degree	IP20		

Further details of approvals / standards

Relevant relay	RCL424615	Relevant base	SRC 2CO
Certificate no. (CSA) relay	249409-2426937	Certificate no. (cURus) relay	E522350
Certificate no. (cURus) base	E223759		

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Connection data

Wire connection method	Screw connection	Clamping range, rated connection	2.5 mm²
Clamping range, min.	0.5 mm²	Clamping range, max.	2.5 mm²
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		

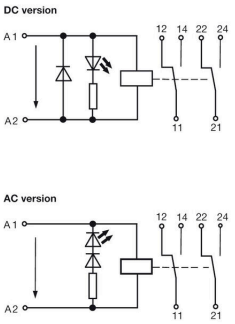
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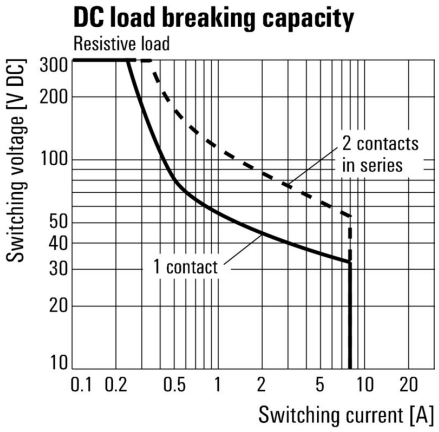
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Drawings

Wiring diagram



Graph



DC load limit curve Resistive load