RCLKITZ 24VDC 1CO LED

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: 1, CO contact AgNi, Rated control voltage: 24 V DC, Continuous current: 16 A, Tension-clamp connection, Test button available: No
Order No.	8798620000
Type	RCLKITZ 24VDC 1CO LED
GTIN (EAN)	4032248494248
Qty.	10 pc(s).
Relevant relay	8693260000
Relevant base	8783930000

Creation date March 12, 2024 5:44:15 PM CET

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Technical data

Dimensions and weights

Depth	69 mm	Depth (inches)	2.717 inch
Height	97 mm	Height (inches)	3.819 inch
Width	16 mm	Width (inches)	0.63 inch
Net weight	62.7 g		

Temperatures

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

Control side

Rated control voltage	24 V DC	Rated current DC	16.7 mA
Power rating	500 mW	Coil resistance	1440 Ω ± 10 %
Coil tolerance	10 %	Status indicator	Green 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	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} / 1min
Protection degree	IP20		

Further details of approvals / standards

Certificate no. (CSA) relay	249409-2426937	Certificate no. (cURus) relay	E522350
Certificate no. (cURus) base	E223759		

Connection data

Wire connection method	Tension-clamp connection	Clamping range, rated connection	1.5 mm²
Clamping range, min.	0.5 mm²	Clamping range, max.	1.5 mm²
Blade size	0.4 x 2.5 mm		

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Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 4,4'-isopropylidenediphenol 80-05-7
SCIP	d4546fc1-6731-43f6-9c40-ce6f3265588a

Approvals

Approvals	CE
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

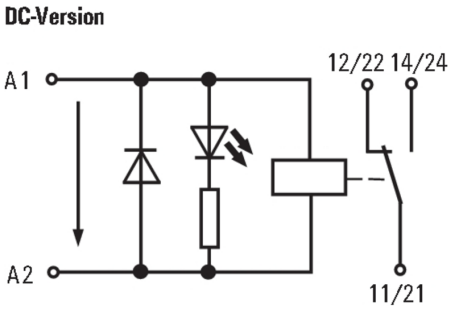
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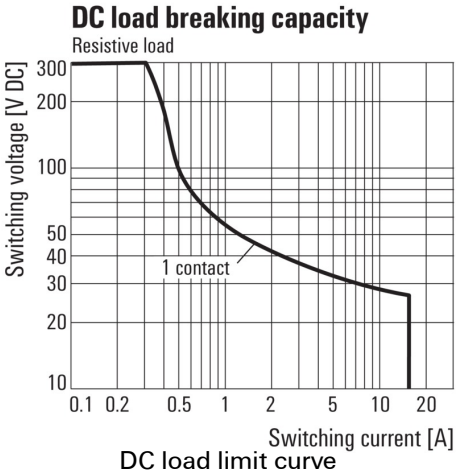
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Drawings

Wiring diagram

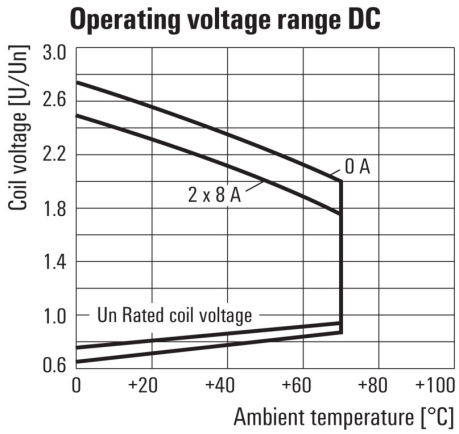


Graph



DC load limit curve
Resistive load

Graph



DC operational voltage range