

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 90/10, Rated control voltage: 230 V AC, Continuous current: 16 A, Screw connection
Order No.	7940006160
Type	RCLKIT 230VAC 1CO LED RT
GTIN (EAN)	4032248474752
Qty.	10 pc(s).
Relevant base	8690830000
Relevant relay	8693320000

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Technical data**Dimensions and weights**

Depth	66 mm	Depth (inches)	2.598 inch
Height	78 mm	Height (inches)	3.071 inch
Net weight	67.6 g	Width	16 mm
Width (inches)	0.63 inch		

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
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Control side

Coil resistance	32500 $\Omega \pm 15\%$	Power rating	0.75 VA
Protective circuit	Free-wheeling diode	Pull-in/drop-out voltage, typ.	172.5 V / 34.5 V AC
Rated control voltage	230 V AC	Rated current AC	3.2 mA
Status indicator	red LED		

Load side

AC switching capacity (resistive), max.	4000 VA	Continuous current	16 A
DC switching capacity (resistive), max.	384 W @ 24 V	Inrush current	30 A / 4 s
Max. switching voltage, AC	240 V	Min. switching power	1 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V
Rated switching voltage	250 V AC	Switch-off delay	≤ 4 ms
Switch-on delay	≤ 7 ms		

Contact data

Contact type	1 CO contact (AgNi 90/10)	Mechanical service life	AC coil 10×10^6 switching cycles
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General data

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

Insulation coordination

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

Further details of approvals / standards

Standards	DIN EN 50178	Certificate no. (CSA) relay	249409-2426937
Certificate no. (cURus) relay	E224238	Certificate no. (cURus) base	E223759

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Technical data**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 6.0	EC001437	ETIM 7.0	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

Approvals

Approvals



ROHS

Conform

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

Engineering Data

[EPLAN, WSCAD](#)

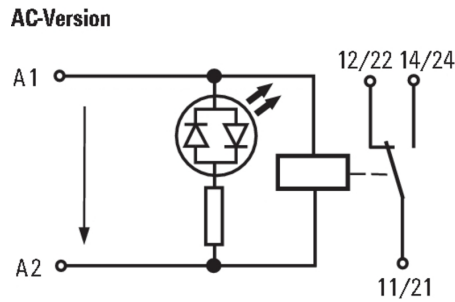
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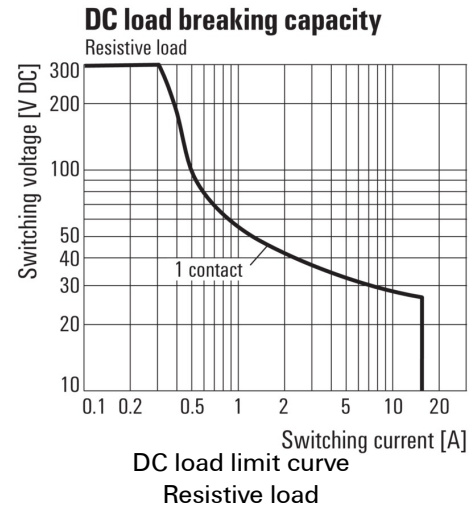
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Drawings

Wiring diagram



Graph



Graph

