

DRMKIT 230VAC 2CO LD/PB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

- Mounted kit consisting relay, socket and retaining clip
- 100 % function tested
- 100 % check of the dielectric strenght between input - output
- 2 CO contacts
- Optional with mechanical status indicator
- Optional Test button with coloured identification of coils (AC red / DC blue)
- Bright status LED (AC coil: red / DC coil: green)

General ordering data

Version	D-SERIES DRM, Relay module, Number of contacts: 2, CO contact AgNi flash gold-plated, Rated control voltage: 230 V AC, Continuous current: 10 A, Screw connection
Order No.	1542490000
Type	DRMKIT 230VAC 2CO LD/PB
GTIN (EAN)	4050118347135
Qty.	10 pc(s).
Relevant base	7760056263
Relevant relay	7760056076

Creation date March 24, 2021 5:32:30 AM CET

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Technical data**Dimensions and weights**

Depth	66.8 mm	Depth (inches)	2.63 inch
Height	79.9 mm	Height (inches)	3.146 inch
Net weight	91.1 g	Width	27.2 mm
Width (inches)	1.071 inch		

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...55 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Control side

Coil resistance	16000 $\Omega \pm 10\%$	Power rating	1.0...1.2VA (60HZ)
Pull-in/drop-out voltage, typ.	184 V / 69 V AC	Rated control voltage	230 V AC
Rated current AC	6.1 mA (50 Hz), 5.2 mA (60 Hz)	Status indicator	red LED

Load side

AC switching capacity (resistive), max.	2500 VA	Continuous current	10 A
DC switching capacity (resistive), max.	240 W @ 24 V	Inrush current	20 A / 50 ms
Max. switching frequency at rated load	0.1 Hz	Min. switching power	10 mA @ 12 V, 100 mA @ 5 V
Rated switching voltage	250 V AC	Switch-off delay	≤ 20 ms
Switch-on delay	≤ 20 ms		

Contact data

Contact type	2 CO contact (AgNi flash gold-plated)	Contact resistance	≤ 50 m Ω
Mechanical service life	20 x 10 ⁶ switching cycles		

General data

Rail	TS 35	
Test button	yes (lockable)	
Mechanical switch position indicator	Yes	
Colour	black	
UL94 flammability rating component	Component	Housing
	UL94 flammability rating	V-2
	Component	Mounting foot
	UL94 flammability rating	HB
	Component	Retaining clip
	UL94 flammability rating	HB
	Component	Relay cover
	UL94 flammability rating	V-2
	Component	Relay baseplate
	UL94 flammability rating	V-0
	Component	Relay status indicator
	UL94 flammability rating	HB
	Component	Relay test button
	UL94 flammability rating	HB

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Technical data**Insulation coordination**

Creepage and clearance distance input – output	≥ 5.5 mm	Dielectric strength of neighbouring contacts	1 kV _{eff} / 1 min
Dielectric strength of open contact	1 kV _{eff} / 1 min	Dielectric strength, Input/Output	1.8 kV _{eff} / 1 min.
Impulse withstand voltage	4.8 kV (1.2/50 µs)	Insulating material group	C
Pollution severity	2	Protection degree	IP20
Rated voltage	250 V	Surge voltage category	III

Further details of approvals / standards

Certificate no. (cURus) relay	E312083	Certificate no. (cURus) base	E312083
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Connection data

Wire connection method	Screw connection	Stripping length, rated connection	7 mm
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.7 Nm
Clamping range, min.	0.5 mm ²	Clamping range, max.	2.5 mm ²
Wire cross-section, solid, min.	0.5 mm ²	Wire cross-section, solid, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.5 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), max.	2.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1 mm ²
Blade size	size PH1		

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

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S

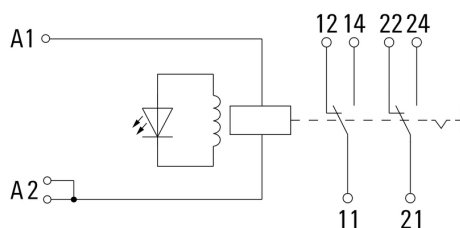
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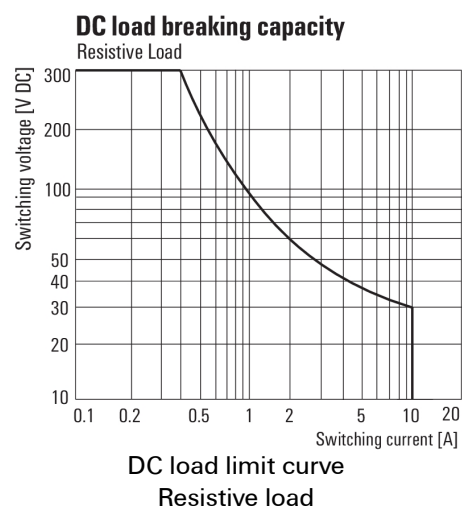
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Drawings

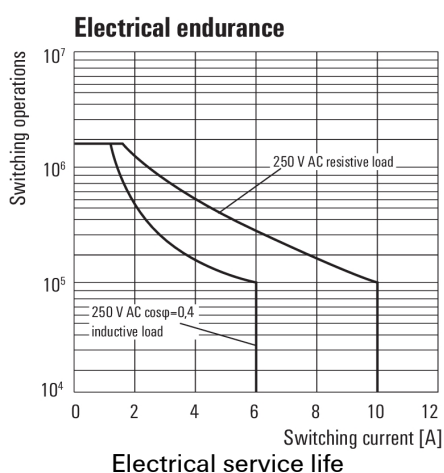
Wiring diagram



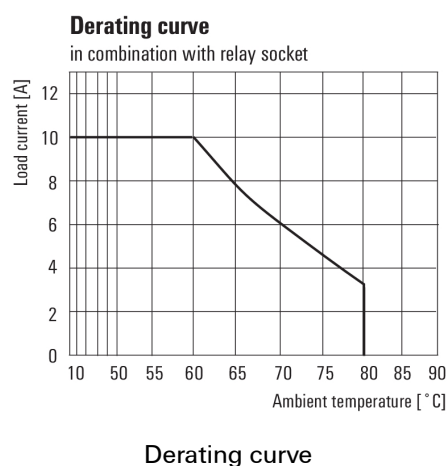
Graph



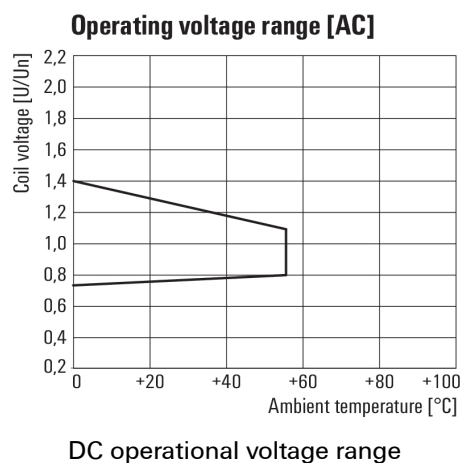
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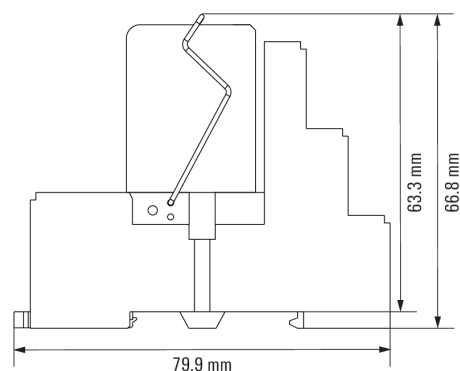
Graph



Graph



Dimensional drawing



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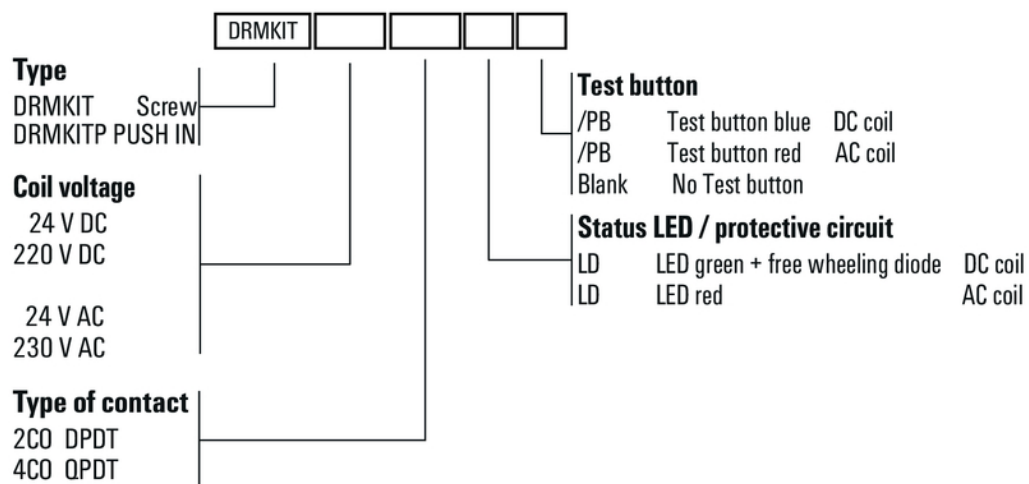
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Drawings

Miscellaneous



Type codes