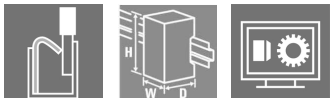
D-SERIES DRM
DRMKITP230VAC 2CO LD/PB

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Product image



Similar to illustration



Our relay kits are particularly convenient to use. The kits are delivered fully assembled and 100 % function-tested. This saves assembly time and reduces the number of parts required.

- Assembled kit consisting of relay, base and retaining clip, incl. label
- 100% function-tested
- 100% control of the dielectric strength input - output
- Optional: test button with coloured control voltage marking (AC coil: red / DC coil: blue) and mechanical switch position indicator
- Bright status LED (AC coil: red / DC coil: green)

General ordering data

Type	DRMKITP230VAC 2CO LD/PB
Order No.	2576040000
Version	D-SERIES DRM, Relay module, No. of contacts: 2 CO contact with test button AgNi 0,15 µm Au, Rated control voltage: 230 V AC, Continuous current: 10 A, PUSH IN with actuator
GTIN (EAN)	4050118585797
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Width	30.6 mm	Width (inches)	1.205 inch
Height	101.8 mm	Height (inches)	4.008 inch
Depth	42.7 mm	Depth (inches)	1.681 inch
Net weight	97.5 g		

Temperatures

Humidity	35...85 % rel. humidity, no condensation	Operating temperature, max.	55 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	70 °C
Storage temperature, min.	-40 °C	Operating temperature	-40 °C...55 °C
Storage temperature	-40 °C...70 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Input

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

Output

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

Contact data

Contact type	2 CO contact with test button (AgNi 0,15 µm Au)	Contact resistance	≤ 50 mΩ
Mechanical service life	20 x 10^6 switching cycles		

General data

Mounting rail	TS 35	Test button	yes (lockable)
Mechanical switch position indicator	Yes	Colour	Black

Insulation coordination

Rated voltage	250 V	Surge voltage category	III
Pollution severity	2	Insulating material group	C
Protection degree	IP20	Dielectric strength input – output	1.8 kV_{eff} / 1 min.
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		

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Technical data

Further details of approvals / standards

Certificate no. (cURus) relay	E312083	Certificate no. (cURus) base	E355547

Connection data

Wire connection method	PUSH IN with actuator	Stripping length, rated connection	10 mm
Clamping range, rated connection	1.5 mm²	Clamping range, min.	0.14 mm²
Clamping range, max.	1.5 mm²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 16	Wire cross-section, solid, min.	0.14 mm²
Wire cross-section, solid, max.	1.5 mm²	Wire connection cross-section, finely stranded, min.	0.14 mm²
Wire connection cross section, finely stranded, max.	1.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.14 mm²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm²	Blade size	0.4 x 2.5 mm

Classifications

ETIM 6.0	EC001437	eClass 6.2	27-37-16-01
eClass 9.1	27-37-16-01		

Downloads

Approval/Certificate/Document of Conformity	EU Konformitätserklärung / EU Declaration of Conformity
Engineering Data	EPLAN

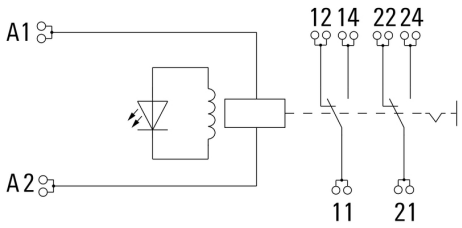
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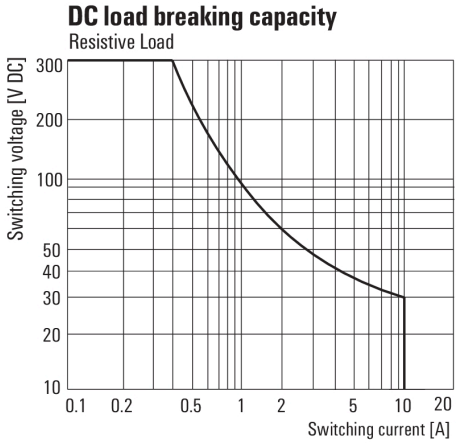
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Drawings

Wiring diagram

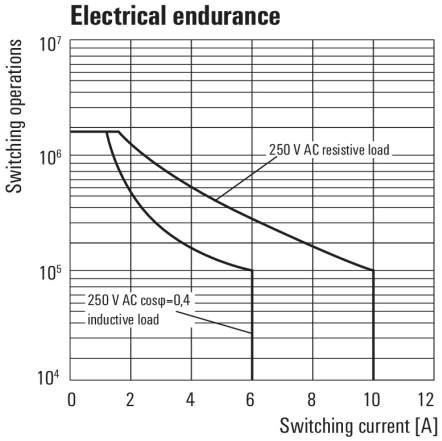


Graph



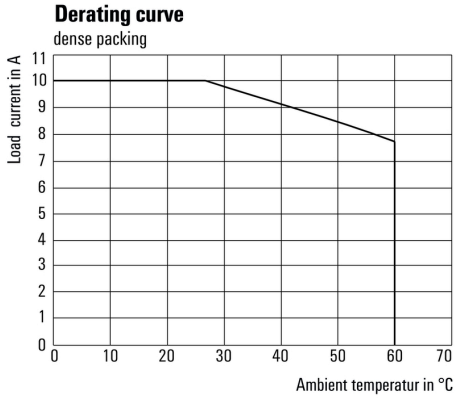
DC load limit curve
Resistive load

Graph



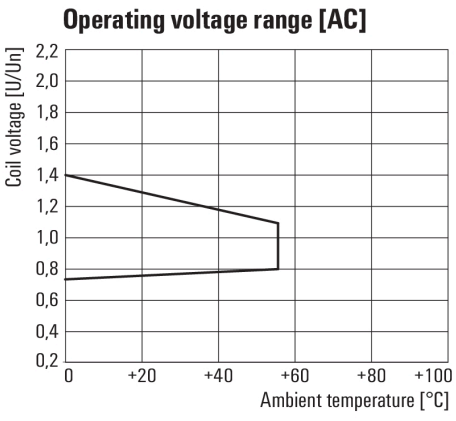
Electrical service life

Graph



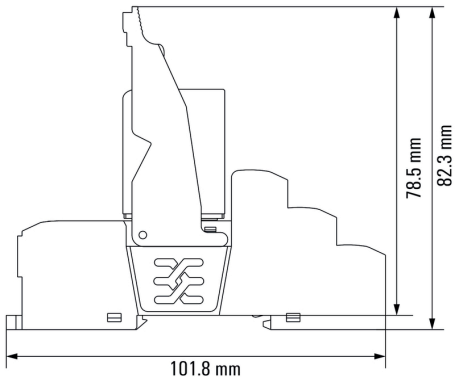
Derating curve

Graph



AC operational voltage range

Dimensional drawing



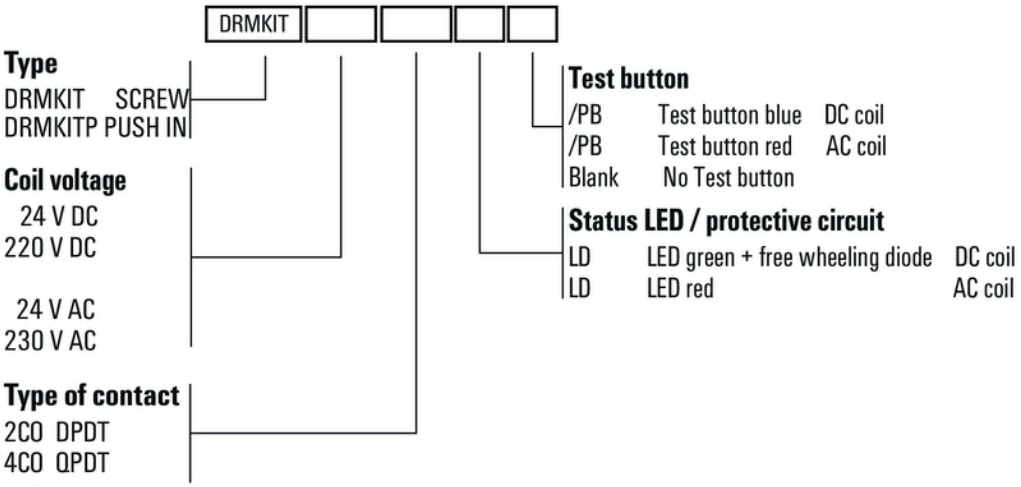
Relay in combination with base

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Drawings

Miscellaneous



Type codes

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

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8690200000 1124150000 1607520000 8951460000 1289470000 2535780000 1609820000 1127570000 1779950000 1784180000 1906650000 1121990000 1221360000 1608830000 1649300000 1818090500 1890260000 024892 SAKS3 1608570000 1786450000 2642470000 9037380000 0303620000 1013450000 1031470000 1622940000 1760040000 1950200000 9456650000 1804580000