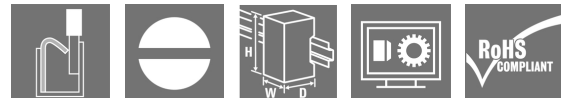


DRMKITP 24VDC 4CO LD/PB**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

- Mounted kit consisting relay, socket and retaining clip
- 100 % function tested
- 100 % check of the dielectric strenght between input - output
- 4 CO contacts
- 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: 4, CO contact AgNi flash gold-plated, Rated control voltage: 24 V DC, Continuous current: 5 A, PUSH IN, Test button available: Yes
Order No.	2576140000
Type	DRMKITP 24VDC 4CO LD/PB
GTIN (EAN)	4050118585896
Qty.	10 pc(s).
Relevant base	7760056363
Relevant relay	7760056097

Creation date December 30, 2021 6:04:16 PM CET

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Technical data**Dimensions and weights**

Depth	82.3 mm	Depth (inches)	3.24 inch
Height	101.8 mm	Height (inches)	4.008 inch
Width	30.6 mm	Width (inches)	1.205 inch
Net weight	110.858 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Control side

Rated control voltage	24 V DC	Rated current DC	36.9 mA
Power rating	0.9 W	Pull-in/drop-out voltage, typ.	18 V / 2.4 V DC
Coil resistance	630 $\Omega \pm 10\%$	Status indicator	Green LED
Protective circuit	Free-wheeling diode		

Load side

Rated switching voltage	250 V AC	Continuous current	5 A
Max. switching frequency at rated load	0.1 Hz	Min. switching power	10 mA @ 12 V, 100 mA @ 5 V
Inrush current	10 A / 50 ms	AC switching capacity (resistive), max.	1250 VA
DC switching capacity (resistive), max.	120 W @ 24 V	Switch-on delay	≤ 20 ms
Switch-off delay	≤ 20 ms	Contact type	4 CO contact (AgNi flash gold-plated)
Mechanical service life	20 x 10 ⁶ switching cycles		

General data

Rail	TS 35	
Test button available	Yes	
Mechanical switch position indicator	Yes	
Colour	black	
UL94 flammability rating component	Component	Housing
	UL94 flammability rating	V-2
	Component	Pusher
	UL94 flammability rating	HB
	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**

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	C
Clearance and creepage distances for control side - load side	≥ 3 mm	Dielectric strength for control side - load side	1.8 kV _{eff} / 1 min.
Dielectric strength of neighbouring contacts	1 kV _{eff} / 1 min	Dielectric strength of open contact	1 kV _{eff} / 1 min
Protection degree	IP20		

Further details of approvals / standards

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

Wire connection method	PUSH IN	Stripping length, rated connection	10 mm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.14 mm ²
Clamping range, max.	1.5 mm ²	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 16	Wire cross-section, solid, min.	0.14 mm ²
Wire cross-section, solid, max.	1.5 mm ²	Wire connection cross section, finely stranded, min.	0.14 mm ²
Wire connection cross section, finely stranded, max.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.14 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm ²	Blade size	0.4 x 2.5 mm

Classifications

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	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	CAD data – STEP
Engineering Data	EPLAN
Catalogues	Catalogues in PDF-format

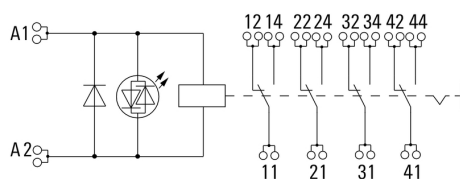
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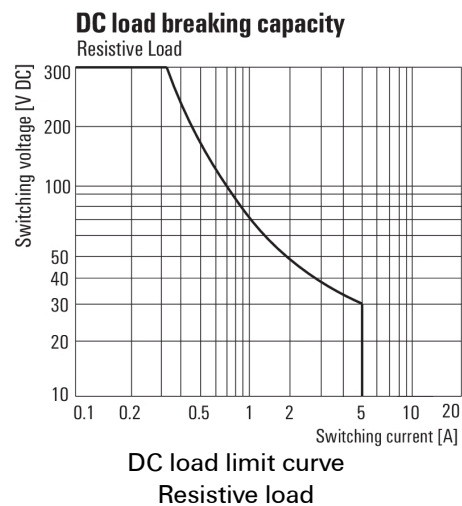
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Drawings

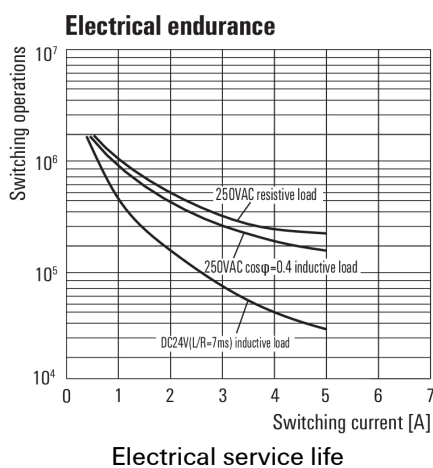
Wiring diagram



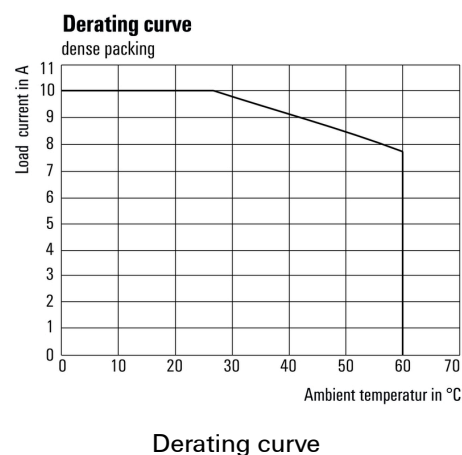
Graph



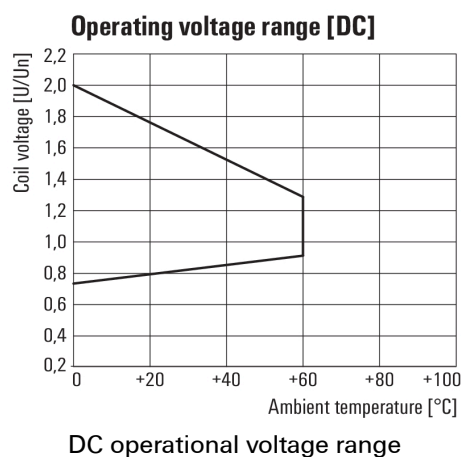
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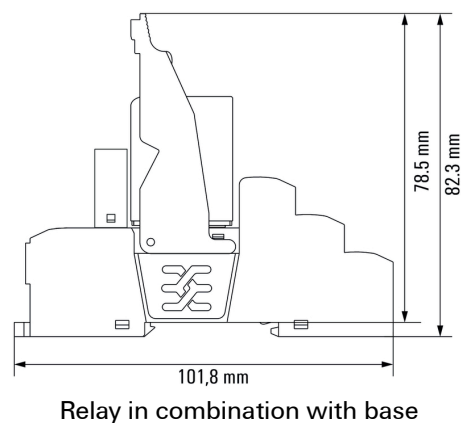
Graph



Graph



Dimensional drawing



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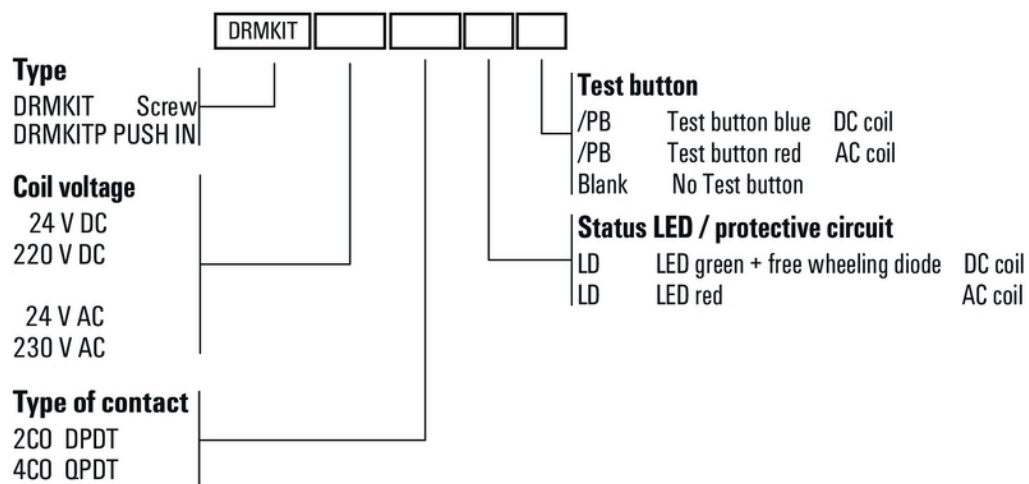
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Drawings

Miscellaneous



Type codes