

DRMKIT 220VDC 2CO LD**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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
- 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: 220 V DC, Continuous current: 10 A, Screw connection, Test button available: No
Order No.	1542370000
Type	DRMKIT 220VDC 2CO LD
GTIN (EAN)	4050118347081
Qty.	10 pc(s).
Relevant relay	7760056063
Relevant base	7760056263

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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
Width	27.2 mm	Width (inches)	1.071 inch
Net weight	91.6 g		

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...60 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	SCIP	611f3393-31e7-4ef5-8360-95619a61
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Control side

Rated control voltage	220 V DC	Rated current DC	5.2 mA
Power rating	1.2 W	Pull-in/drop-out voltage, typ.	154 V / 22 V DC
Coil resistance	44000 Ω ± 10 %	Coil tolerance	10 %
Status indicator	Green LED	Protective circuit	Free-wheeling diode

Load side

Rated switching voltage	250 V AC	Continuous current	10 A
Max. switching frequency at rated load	0.1 Hz	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
Contact type	2 CO contact (AgNi flash gold-plated)	Mechanical service life	20 x 10 ⁶ switching cycles
Min. switching power	10 mA @ 12 V, 100 mA @ 5 V		

General data

Rail	TS 35																												
Test button available	No																												
Mechanical switch position indicator	Yes																												
Colour	black																												
UL94 flammability rating component	<table> <tr> <td>Component</td><td>Housing</td></tr> <tr> <td>UL94 flammability rating</td><td>V-2</td></tr> <tr> <td>Component</td><td>Mounting foot</td></tr> <tr> <td>UL94 flammability rating</td><td>HB</td></tr> <tr> <td>Component</td><td>Retaining clip</td></tr> <tr> <td>UL94 flammability rating</td><td>HB</td></tr> <tr> <td>Component</td><td>Relay cover</td></tr> <tr> <td>UL94 flammability rating</td><td>V-2</td></tr> <tr> <td>Component</td><td>Relay baseplate</td></tr> <tr> <td>UL94 flammability rating</td><td>V-0</td></tr> <tr> <td>Component</td><td>Relay status indicator</td></tr> <tr> <td>UL94 flammability rating</td><td>HB</td></tr> <tr> <td>Component</td><td>Relay test button</td></tr> <tr> <td>UL94 flammability rating</td><td>HB</td></tr> </table>	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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Insulation coordination

Rated voltage	250 V	Pollution severity	www.weidmueller.com
Surge voltage category	III	Insulating material group	C
Clearance and creepage distances for control side - load side	≥ 5.5 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
Impulse withstand voltage	4.8 kV (1.2/50 µs)	Protection degree	IP20

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
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	ECLASS 12.0	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, WSCAD, Zuken E3.S
Catalogues	Catalogues in PDF-format

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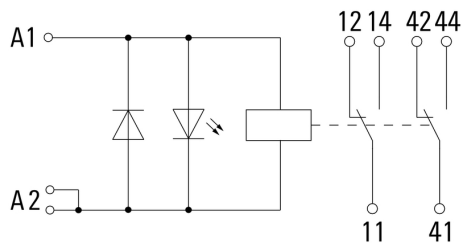
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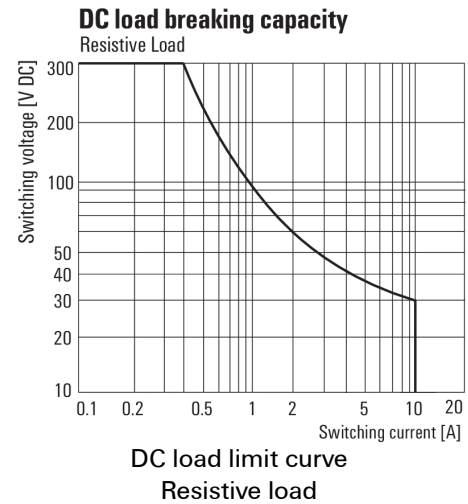
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Drawings

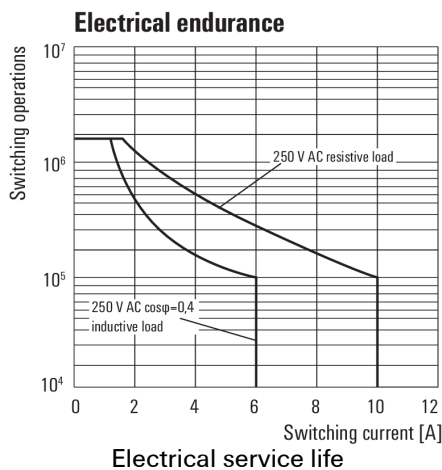
Wiring diagram



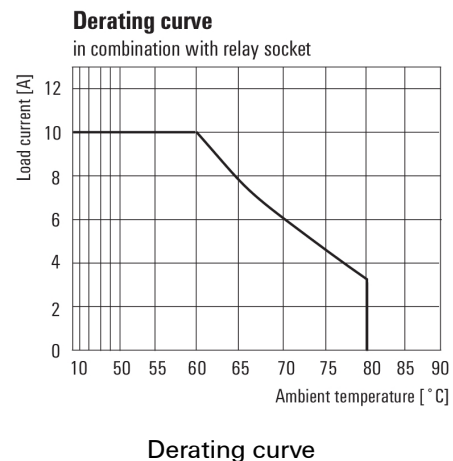
Graph



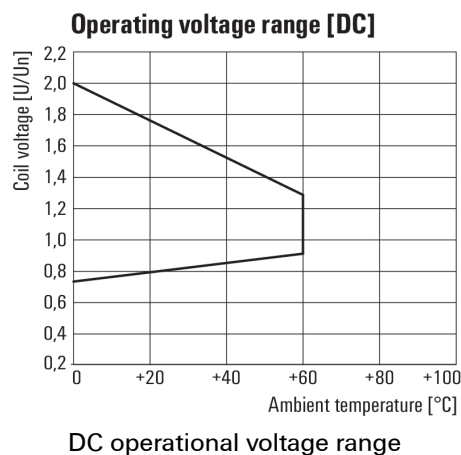
Graph



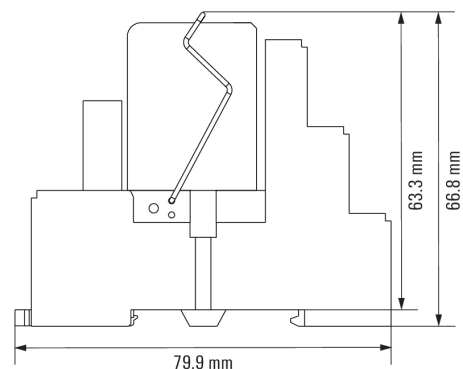
Graph



Graph



Dimensional drawing



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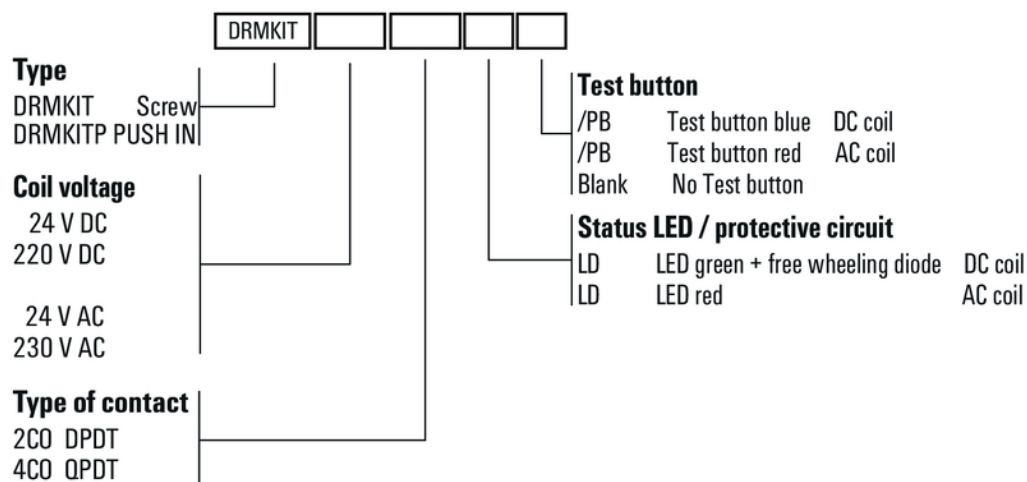
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Drawings

Miscellaneous



Type codes