

DRIKIT 12VDC 1CO LD/PB**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

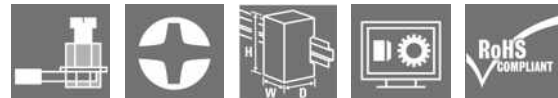
32760 Detmold

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info@weidmueller.com

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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
- 1 CO contact
- 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 DRI, Relay module, Number of contacts: 1, CO contact AgSnO, Rated control voltage: 12 V DC, Continuous current: 10 A, Screw connection, Test button available: Yes
Order No.	2476740000
Type	DRIKIT 12VDC 1CO LD/PB
GTIN (EAN)	4050118496963
Qty.	10 pc(s).
Relevant relay	7760056314
Relevant base	7760056350

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Technical data**Dimensions and weights**

Depth	68 mm	Depth (inches)	2.677 inch
Height	80.2 mm	Height (inches)	3.157 inch
Width	15.8 mm	Width (inches)	0.622 inch
Net weight	59 g		

Temperatures

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

Control side

Rated control voltage	12 V DC	Rated current DC	44,4 mA
Power rating	530 mW	Pull-in/drop-out voltage, typ.	9 V / 1.8 V DC
Coil resistance	270 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	Max. switching voltage, DC	250 V
AC switching capacity (resistive), max.	2500 VA	DC switching capacity (resistive), max.	240 W @ 24 V
Switch-on delay	≤ 15 ms	Switch-off delay	≤ 10 ms
Contact type	1 CO contact (AgSnO)	Mechanical service life	10 x 10 ⁶ switching cycles
Min. switching power	10 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V		

General data

Rail	TS 35	
Test button available	Yes	
Version of test button	Lockable test button, Momentary test button	
Mechanical switch position indicator	No	
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 test button
	UL94 flammability rating	HB

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Technical data**Insulation coordination**

Rated voltage	250 V	Pollution severity	www.weidmueller.com
Surge voltage category	III	Insulating material group	IIIb
Clearance and creepage distances for control side - load side	≥ 3 mm	Dielectric strength for control side - load side	4 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

Standards	IEC 61810-1, EN 60664-1:2007, EN 61000-6-2:2005, EN 61000-6-4:2007 + A1:2011	Certificate no. (cURus) relay	E312083
Certificate no. (cURus) base	E355547		

Connection data

Wire connection method	Screw connection	Stripping length, rated connection	8 mm
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.8 Nm
Clamping range, rated connection	1.5 mm ²	Clamping range, min.	0.25 mm ²
Clamping range, max.	4 mm ²	Wire cross-section, solid, min.	0.25 mm ²
Wire cross-section, solid, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.25 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.25 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.25 mm ²
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	4 mm ²	Blade size	size PH 1
Gauge to IEC 60947-1	A3		

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	611f3393-31e7-4ef5-8360-95619a629f27

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of
Conformity

[EU Konformitätserklärung / EU Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[WSCAD, Zuken E3.S](#)

Product Change Notification

[20210401 Product Change Notification D-SERIES DRI KITS - status indicator](#)

Catalogues

[Catalogues in PDF-format](#)

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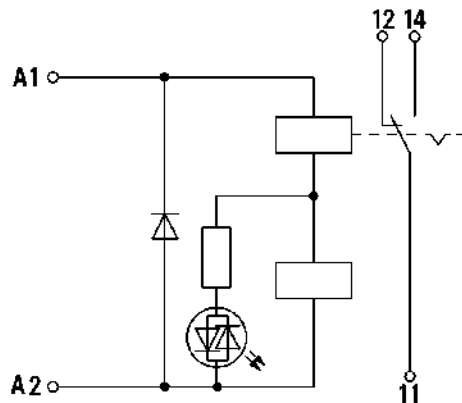
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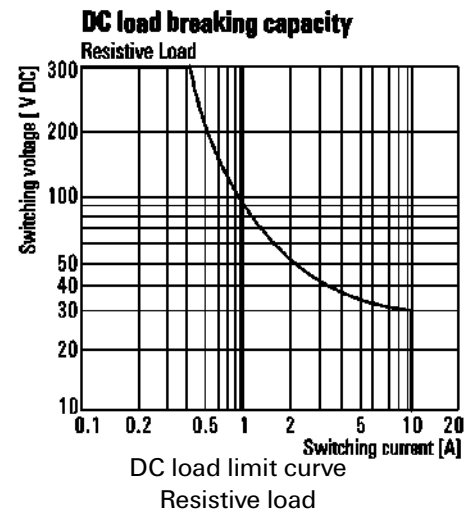
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Drawings

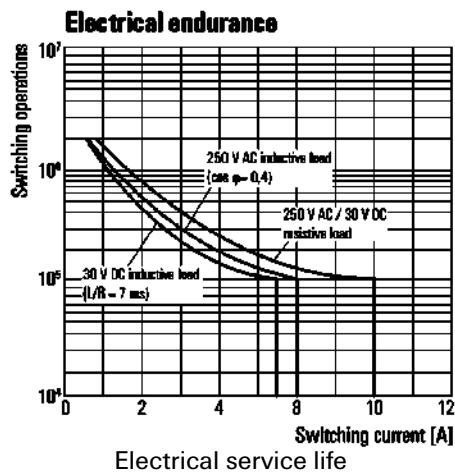
Wiring diagram



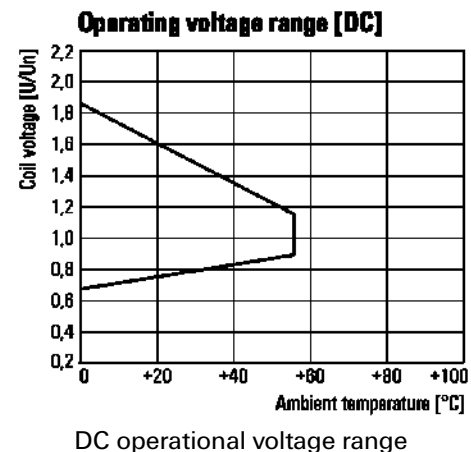
Graph



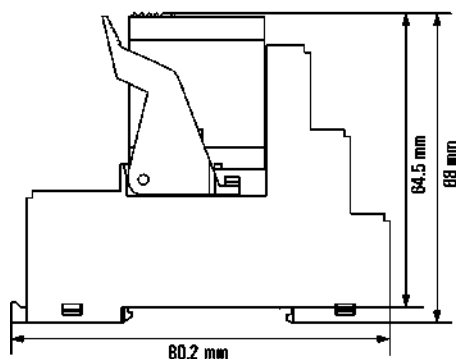
Graph



Graph



Dimensional drawing



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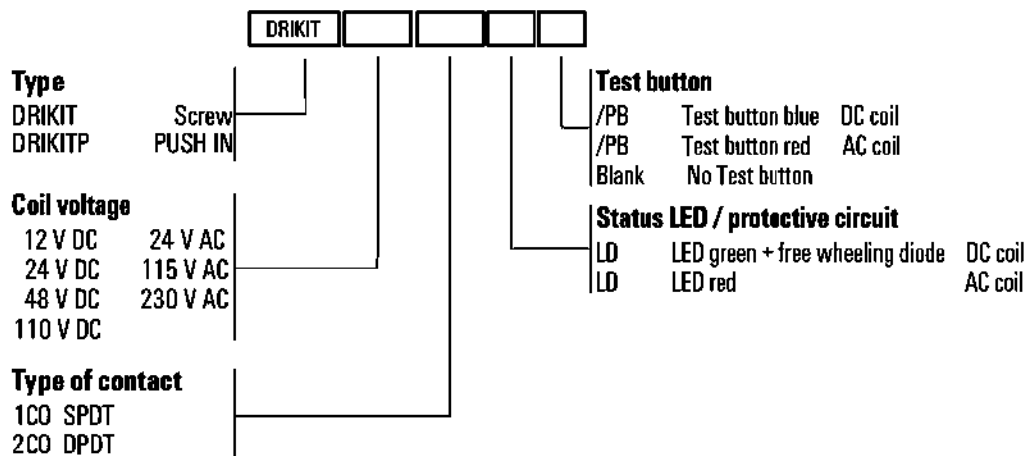
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Drawings

Miscellaneous



Type codes