

**DRIKIT 12VDC 2CO LD****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
- 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 DRI, Relay module, Number of contacts: 2, CO contact AgSnO, Rated control voltage: 12 V DC, Continuous current: 5 A, Screw connection, Test button available: No
Order No.	<a href="#">2476810000</a>
Type	DRIKIT 12VDC 2CO LD
GTIN (EAN)	4050118497038
Qty.	10 pc(s).
Relevant relay	<a href="#">7760056335</a>
Relevant base	<a href="#">7760056351</a>

Creation date May 10, 2024 2:12:38 PM CEST

Catalogue status 04.05.2024 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Depth	67.7 mm	Depth (inches)	2.665 inch
Height	80.2 mm	Height (inches)	3.157 inch
Width	15.8 mm	Width (inches)	0.622 inch
Net weight	64 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	Coil resistance	270 $\Omega \pm 10 \%$
Coil tolerance	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	Max. switching voltage, AC	250 V
Max. switching voltage, DC	250 V	AC switching capacity (resistive), max.	1250 VA
DC switching capacity (resistive), max.	150 W @ 24 V	Switch-on delay	$\leq 15$ ms
Switch-off delay	$\leq 10$ ms	Contact type	2 CO contact (AgSnO)
Mechanical service life	10 x 10 <sup>6</sup> 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	No	
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

**Insulation coordination**

Rated voltage	250 V	Pollution severity	2
Surge voltage category	III	Insulating material group	IIIb
Clearance and creepage distances for control side - load side	$\geq 3$ mm	Dielectric strength for control side - load side	4 kV <sub>eff</sub> / 1 min
Dielectric strength of neighbouring contacts	1.5 kV <sub>eff</sub> / 1 min.	Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min
Impulse withstand voltage	4.8 kV (1.2/50 $\mu$ s)	Protection degree	IP20

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**Technical data****Further details of approvals / standards**

Certificate no. (cURus) relay	E312083	Certificate no. (cURus) base	E355547
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**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 <sup>2</sup>	Clamping range, min.	0.25 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>	Wire cross-section, solid, min.	0.25 mm <sup>2</sup>
Wire cross-section, solid, max.	4 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.25 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.25 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.25 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	4 mm <sup>2</sup>	Blade size	size PH1

**Classifications**

ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ETIM 9.0	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	ECLASS 13.0	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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**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

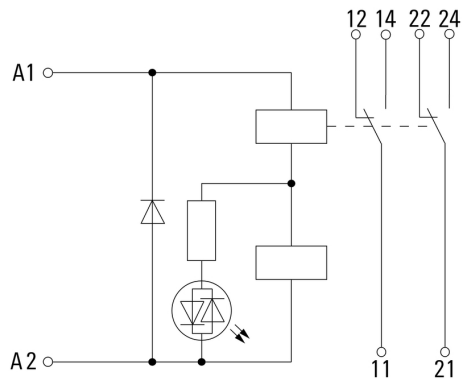
## DRIKIT 12VDC 2CO LD

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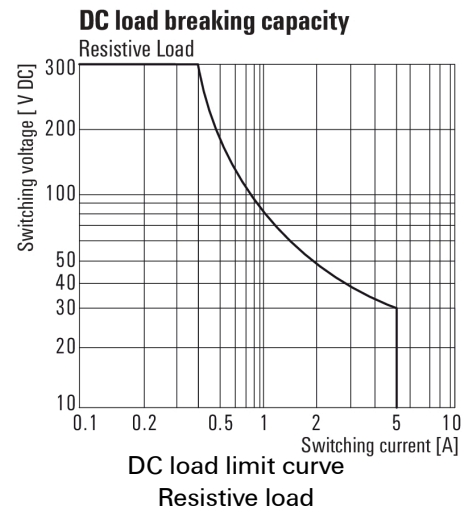
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## Drawings

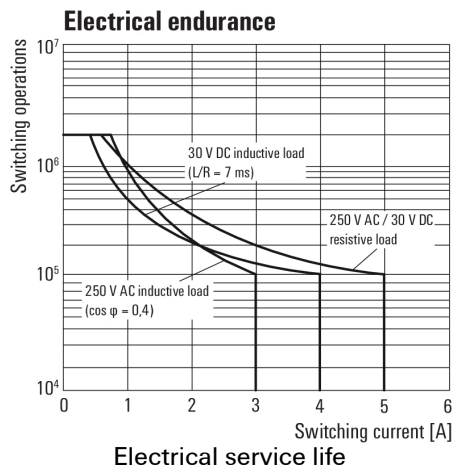
## Wiring diagram



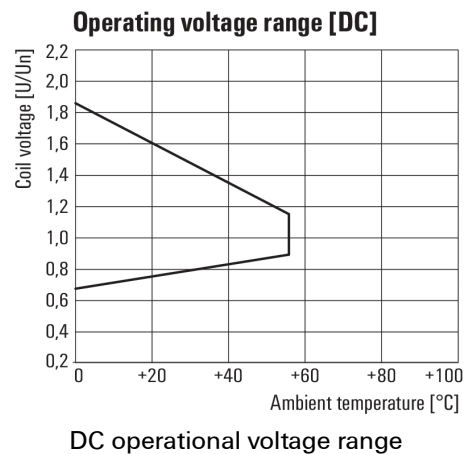
## Graph



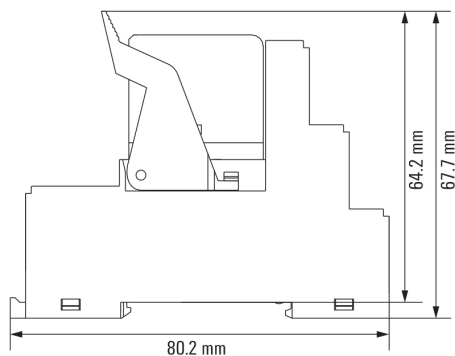
## Graph



## Graph



## Dimensional drawing



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Cross-connection for socket with screw connection**

Cross-connection for the sockets in the D-SERIES DRI.

**General ordering data**

Type	SRC-I QV S	Version
Order No.	<a href="#">1132070000</a>	RIDERSERIES RCI, Cross-connector
GTIN (EAN)	4032248912087	
Qty.	10 pc(s).	

**Crosshead screwdriver, Phillips**

VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

**General ordering data**

Type	SDIK SLIM PH1 X 80	Version
Order No.	<a href="#">2749650000</a>	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118896398	
Qty.	1 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****LED / free-wheel diode**

Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With green LED and free-wheeling diode

**General ordering data**

Type	RIM 2 6/24VDC	Version
Order No.	<a href="#">7760056015</a>	D-SERIES, LED module with freewheel diode, Rated control voltage:
GTIN (EAN)	4032248878116	6...24 V DC, Plug-in connection
Qty.	10 pc(s).	

**Retaining clips**

Retaining clip for D-SERIES DRI relays

- Metal and plastic retaining clip

**General ordering data**

Type	SDI CLIP LM	Version
Order No.	<a href="#">7760056368</a>	D-SERIES DRI, Retaining clip
GTIN (EAN)	6944169773341	
Qty.	10 pc(s).	
Type	SDI CLIP P	Version
Order No.	<a href="#">7760056389</a>	D-SERIES DRI, Retaining clip
GTIN (EAN)	6944169787539	
Qty.	10 pc(s).	

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## Accessories

### Protection modules



Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With free-wheeling diode or RC filter

### General ordering data

Type	RIM 1 6/230VDC	Version
Order No.	<a href="#">7760056169</a>	D-SERIES, Free-wheeling diode, Rated control voltage: 6...230 V, Plug-
GTIN (EAN)	4032248967728	in connection
Qty.	10 pc(s).	

### Custom printing



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

### General ordering data

Type	ESG 6/15 SDI MC SDR	Version
Order No.	<a href="#">2558310000</a>	ESG, Device markers x 15 mm, PA 66, Colour: To customer
GTIN (EAN)	4050118569025	specification
Qty.	40 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Crosshead screwdriver Phillips**

Crosshead screwdriver, Phillips, SDK PH DIN 5262, ISO 8764/2-PH, output to ISO 8764-PH, ChromTop tip, SoftFinish grip

**General ordering data**

Type	SDK PH1 X 80	Version
Order No.	<a href="#">2749410000</a>	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A):
GTIN (EAN)	4050118895636	
Qty.	1 pc(s).	

**LED**

Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With green LED

**General ordering data**

Type	RIM 3 6/24VUC	Version
Order No.	<a href="#">7940018457</a>	D-SERIES, LED module, Rated control voltage: 6...24 V UC, Plug-in connection
GTIN (EAN)	4032248878192	
Qty.	10 pc(s).	



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Blank**

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- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

**General ordering data**

Type	ESG 6/15 SDI MC NE WS	Version
Order No.	<a href="#">2558340000</a>	ESG, Device markers x 15 mm, PA 66, Colour: white
GTIN (EAN)	4050118569056	
Qty.	200 pc(s).	

**ESG 6/15****Guaranteed long service life: ESG**

The multi-colour and multi-format labels have a strong adhesive layer to ensure the best possible adhesion to the underlying surface. Double laminated polyester makes the basic material very thin and yet extremely tear-resistant.

**Your benefits with MultiMark**

- "Different materials for various requirements"
- Can be used with equipment from many manufacturers
- Device markers with a familiar design

**General ordering data**

Type	ESG 6/15 MM WS	Version
Order No.	<a href="#">2619940000</a>	ESG, Device markers, 6 x 15 mm, white
GTIN (EAN)	4050118626148	
Qty.	3,000 pc(s).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Crosshead screwdriver Phillips**

VDE insulated crosshead screwdriver, for Phillips screws, SDIK PH DIN 7438, ISO 8764/2-PH, output to ISO 8764-PH, SoftFinish grip

**General ordering data**

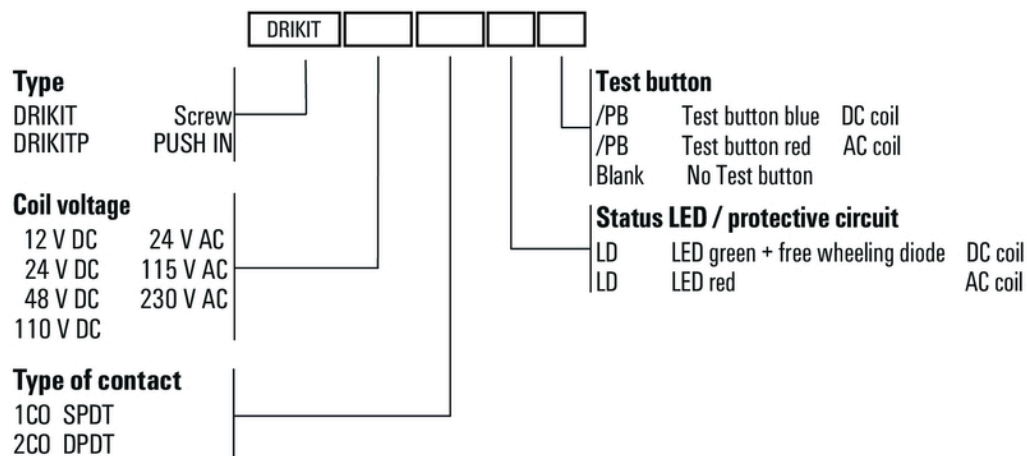
Type	SDIK PH1 X 80	Version
Order No.	<a href="#">2749890000</a>	Screwdriver, Blade width (B): 1 mm, 80 mm, Blade thickness (A): 1
GTIN (EAN)	4050118897098	
Qty.	1 pc(s).	

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Type codes