

**DRIKITP 24VAC 1CO LD/PB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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
- 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: 24 V AC, Continuous current: 10 A, PUSH IN, Test button available: Yes
Order No.	<a href="#">2576250000</a>
Type	DRIKITP 24VAC 1CO LD/PB
GTIN (EAN)	4050118586015
Qty.	10 pc(s).
Relevant base	<a href="#">7760056364</a>
Relevant relay	<a href="#">7760056318</a>

Creation date April 28, 2024 4:23:18 PM CEST

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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

Depth	63 mm	Depth (inches)	2.48 inch
Height	102.1 mm	Height (inches)	4.02 inch
Width	15.9 mm	Width (inches)	0.626 inch
Net weight	56.288 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	24 V AC	Rated current AC	50 mA
Power rating	1.2 VA	Coil resistance	240 Ω ± 10 %
Coil tolerance	10 %	Status indicator	red LED

**Load side**

Rated switching voltage	250 V AC	Continuous current	10 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.	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 <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	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	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 test button
	UL94 flammability rating	HB

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**Technical data****Insulation coordination**

Rated voltage	300 V	Pollution severity	2
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	5 kV <sub>eff</sub> / 1 min
Dielectric strength of open contact	1 kV <sub>eff</sub> / 1 min	Impulse withstand voltage	5 kV (1.2/50 µs)
Impulse withstand voltage at neighbouring contacts	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	PUSH IN	Stripping length, rated connection	10 mm
Clamping range, rated connection	1.5 mm <sup>2</sup>	Clamping range, min.	0.14 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 16	Wire cross-section, solid, min.	0.14 mm <sup>2</sup>
Wire cross-section, solid, max.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 mm <sup>2</sup>	Conductor cross-section, flexible, AEH (DIN 46228-1), min.	0.14 mm <sup>2</sup>
Conductor cross-section, flexible, AEH (DIN 46228-1), max.	1.5 mm <sup>2</sup>	Blade size	0.4 x 2.5 mm

**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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# Technical data

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20210401 Product Change Notification D-SERIES DRI KITs - status indicator</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

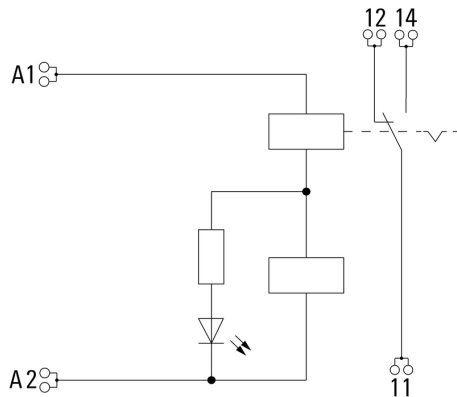
## DRIKITP 24VAC 1CO LD/PB

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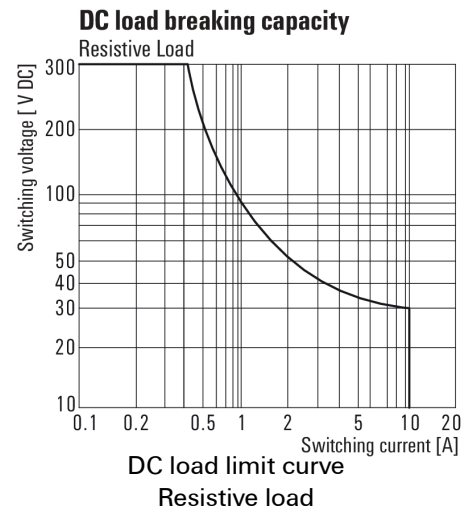
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## Drawings

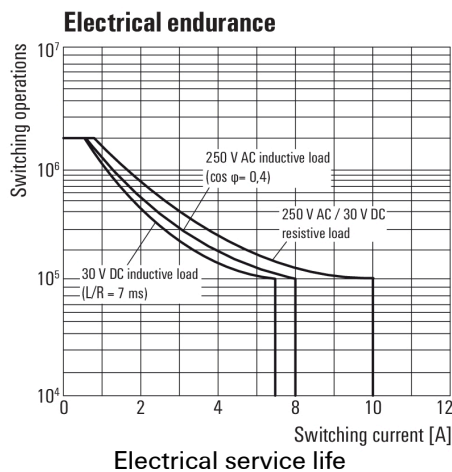
## Wiring diagram



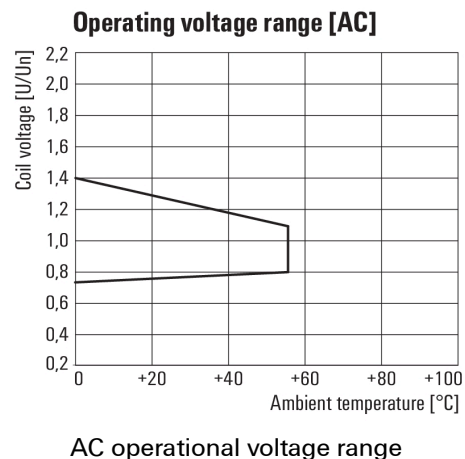
## Graph



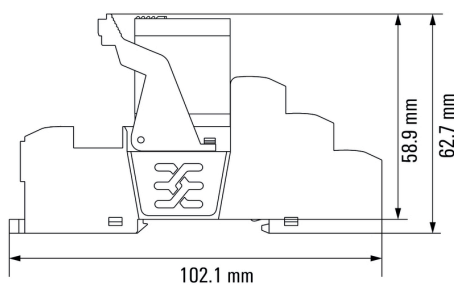
## Graph



## Graph



## Dimensional drawing



Relay in combination with base

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

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

**General ordering data**

Type	SCM/SDI P CC	Version
Order No.	<a href="#">7760056366</a>	D-SERIES, Cross-connector
GTIN (EAN)	6944169773327	
Qty.	10 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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## Accessories

## Blank



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 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).	

## Retaining clips



Retaining clip for D-SERIES DRI relays

- Metal and plastic retaining clip

## General ordering data

Type	SDI CLIP HM	Version
Order No.	<a href="#">7760056390</a>	D-SERIES DRI, Retaining clip
GTIN (EAN)	6944169787898	
Qty.	10 pc(s).	

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## Accessories

### Custom printing



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

Advantages at a glance:

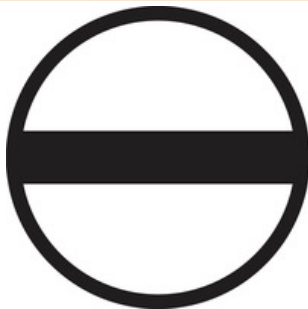
- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

**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).	

### Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

### General ordering data

Type	SDS 0.4X2.5X75	Version
Order No.	<a href="#">2749320000</a>	Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade
GTIN (EAN)	4050118895544	thickness (A): 0.4 mm
Qty.	1 pc(s).	



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## Accessories

### Slotted screwdriver



VDE insulated slot-head screwdriver, SDI DIN 7437, ISO 2380/2, drive output acc. to DIN 5264, ISO 2380/1. SoftFinish grip

### General ordering data

Type	SDIS 0.4X2.5X75	Version
Order No.	<a href="#">2749790000</a>	Screwdriver, Blade width (B): 2.5 mm, Blade length: 75 mm, Blade
GTIN (EAN)	4050118896534	thickness (A): 0.4 mm
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
GTIN (EAN)	4032248878192	connection
Qty.	10 pc(s).	
Type	RIM 3 24/60VUC	Version
Order No.	<a href="#">7760056018</a>	D-SERIES, LED module, Rated control voltage: 24...60 V UC, Plug-in
GTIN (EAN)	4032248878130	connection
Qty.	10 pc(s).	

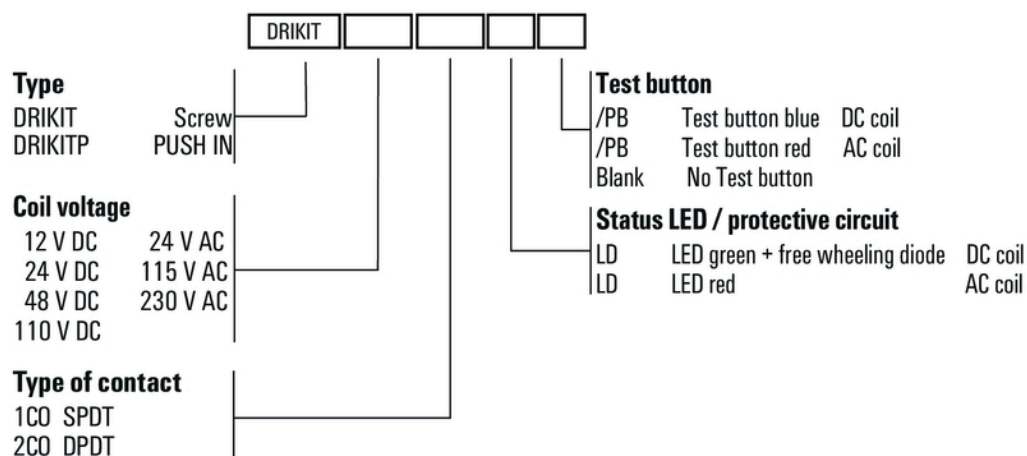
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## Drawings

## Miscellaneous



Type codes