

**DRIKITP 24VDC 1CO LD****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 DC, Continuous current: 10 A, PUSH IN, Test button available: No |
| Order No.      | <a href="#">2576220000</a>  |
| Type           | DRIKITP 24VDC 1CO LD  |
| GTIN (EAN)     | 4050118585988   |
| Qty.           | 10 pc(s).   |
| Relevant relay | <a href="#">7760056311</a>  |
| Relevant base  | <a href="#">7760056364</a>  |

Creation date April 27, 2024 9:23:30 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 | 55.302 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 DC             | Rated current DC | 21,8 mA       |
| Power rating          | 530 mW              | Coil resistance  | 1100 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, 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                | No                       |                 |
| 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             |
| UL94 flammability rating component   | Component                | Relay baseplate |
|                                      | UL94 flammability rating | V-0             |

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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 |
|-------------------------------|---------|------------------------------|---------|

**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 Con-  
formity

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

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

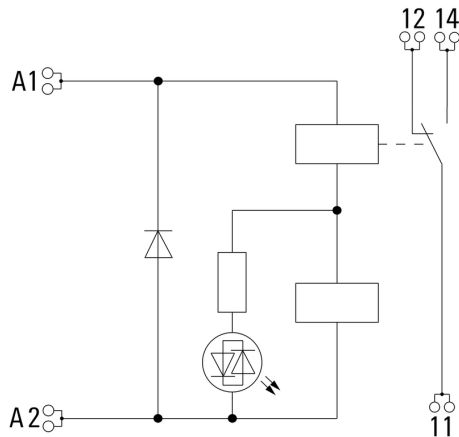
## DRIKITP 24VDC 1CO LD

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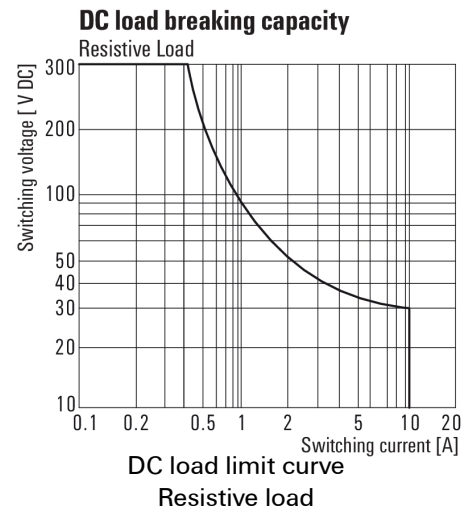
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

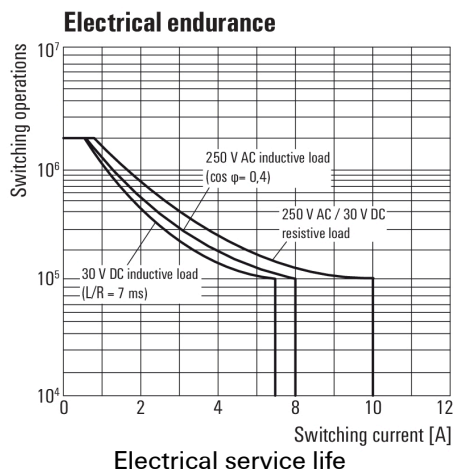
### Wiring diagram



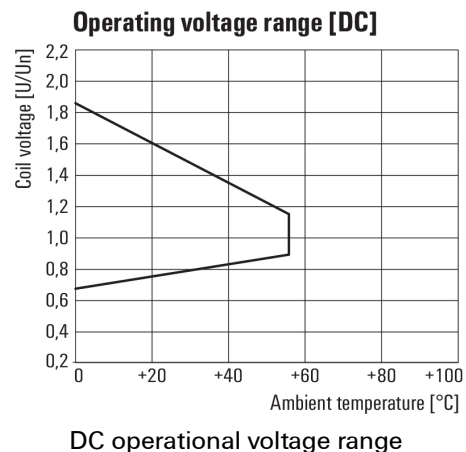
### Graph



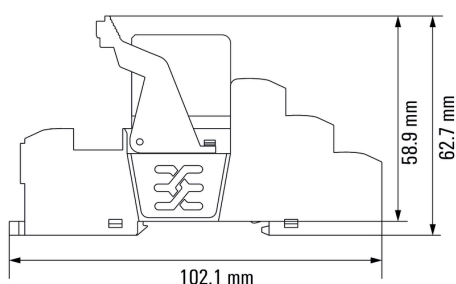
### Graph



### Graph



### Dimensional drawing



Relay in combination with base

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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).                  |  |

### 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).                 |   |

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## Accessories

## LED



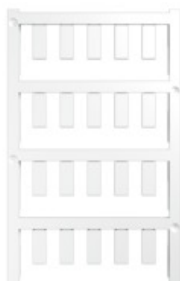
Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With green LED

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| 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 connection |
| GTIN (EAN) | 4032248878130              |   |
| Qty.       | 10 pc(s).                  |   |
| 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).                  |   |

## 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 specification |
| GTIN (EAN) | 4050118569025              |   |
| Qty.       | 40 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 24/60VDC             | Version   |
| Order No.  | <a href="#">7760056016</a> | D-SERIES, LED module with freewheel diode, Rated control voltage: |
| GTIN (EAN) | 4032248878123              | 24...60 V DC, Plug-in connection                                  |
| Qty.       | 10 pc(s).                  |   |
| 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).                  |                              |



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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).                  |                           |

**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).                   |  |

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## Accessories

## ESG 6/15

**Guaranteed long service life: ESG**

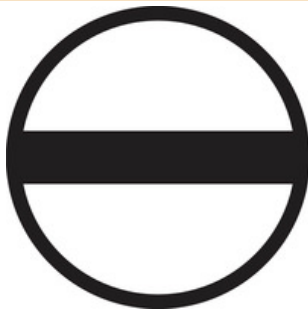
The multi-colour and multi-format labels have a strong adhesive layer to ensure the best possible adhesion to the underlying surface. Double laminated polyester makes the basic material very thin and yet extremely tear-resistant.

**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).               |                                       |

**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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## Drawings

## Miscellaneous



Type codes