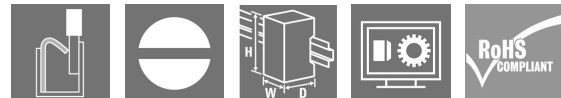


**DRIKITP 24VDC 2CO LD****Weidmüller Interface GmbH & Co. KG**

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
- 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: 24 V DC, Continuous current: 5 A, PUSH IN, Test button available: No |
| Order No.      | <a href="#">2576200000</a>                                                                                                                                       |
| Type           | DRIKITP 24VDC 2CO LD                                                                                                                                             |
| GTIN (EAN)     | 4050118585964                                                                                                                                                    |
| Qty.           | 10 pc(s).                                                                                                                                                        |
| Relevant relay | <a href="#">7760056336</a>                                                                                                                                       |
| Relevant base  | <a href="#">7760056365</a>                                                                                                                                       |

Creation date September 29, 2023 2:48:38 PM CEST

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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 | 59.32 g  |                 |            |

**Temperatures**

|                             |                                          |                             |                |
|-----------------------------|------------------------------------------|-----------------------------|----------------|
| Storage temperature         | -40 °C...85 °C                           | Operating temperature       | -40 °C...55 °C |
| Operating temperature, min. | -40 °C                                   | Operating temperature, max. | 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        | Pull-in/drop-out voltage, typ. | 18 V / 3.6 V DC     |
| 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                      | 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                         | ≤ 15 ms                                  |
| Switch-off delay                        | ≤ 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                | 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             |

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**Technical data****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 | ≥ 3 mm                         | Dielectric strength for control side - load side   | 5 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                                     | 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 | 27371601    |

**Environmental Product Compliance**

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

**Approvals**

Approvals



ROHS

Conform

### DRIKITP 24VDC 2CO LD

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## Technical data

### Downloads

Approval/Certificate/Document of  
Conformity

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

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

## DRIKITP 24VDC 2CO LD

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

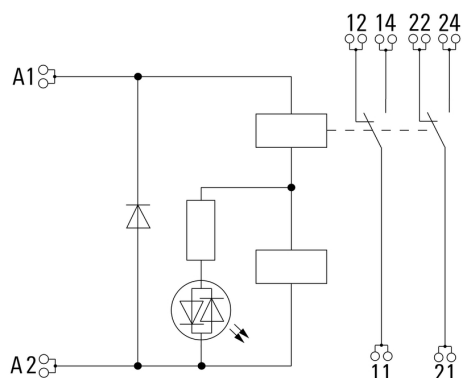
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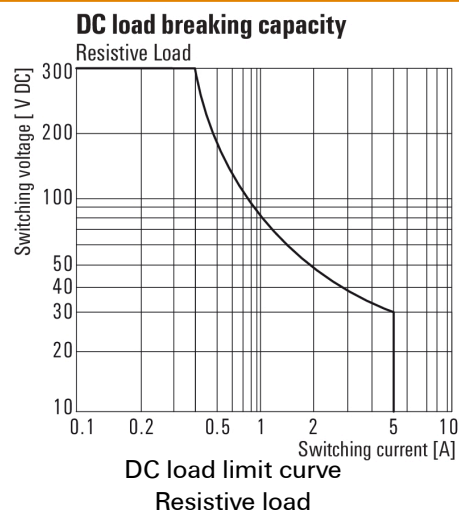
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## Drawings

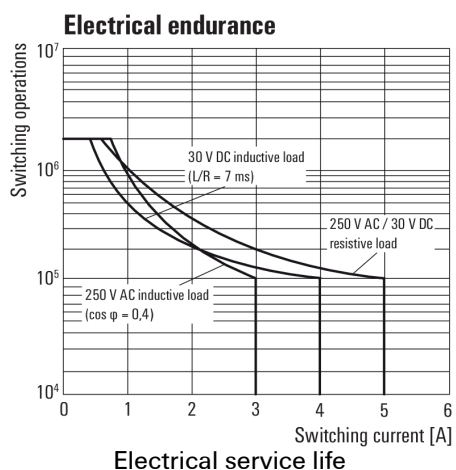
## Wiring diagram



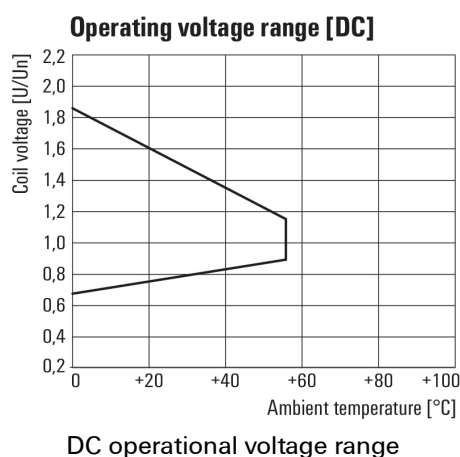
## Graph



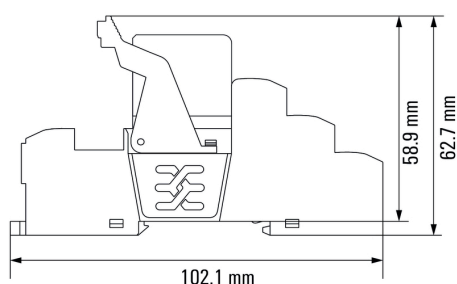
## Graph



## Graph



## Dimensional drawing



Relay in combination with base

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