

**DRMKITP 24VAC 2CO 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
- 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 DRM, Relay module, Number of contacts: 2, CO contact AgNi flash gold-plated, Rated control voltage: 24 V AC, Continuous current: 10 A, PUSH IN, Test button: yes (lockable) |
| Order No.      | <a href="#">2576080000</a>                                                                                                                                                           |
| Type           | DRMKITP 24VAC 2CO LD/PB                                                                                                                                                              |
| GTIN (EAN)     | 4050118585834                                                                                                                                                                        |
| Qty.           | 10 pc(s).                                                                                                                                                                            |
| Relevant base  | <a href="#">7760056362</a>                                                                                                                                                           |
| Relevant relay | <a href="#">7760056073</a>                                                                                                                                                           |

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

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 82.3 mm    | Depth (inches)  | 3.24 inch  |
| Height         | 101.8 mm   | Height (inches) | 4.008 inch |
| Net weight     | 97.5 g     | Width           | 30.6 mm    |
| Width (inches) | 1.205 inch |                 |            |

**Temperatures**

|                     |                                          |                       |                |
|---------------------|------------------------------------------|-----------------------|----------------|
| Storage temperature | -40 °C...70 °C                           | Operating temperature | -40 °C...55 °C |
| Humidity            | 35...85 % rel. humidity, no condensation |                       |                |

**Environmental Product Compliance**

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

**Control side**

|                                |                       |                       |                    |
|--------------------------------|-----------------------|-----------------------|--------------------|
| Coil resistance                | 160 $\Omega \pm 10\%$ | Power rating          | 1.0...1.2VA (60HZ) |
| Pull-in/drop-out voltage, typ. | 19.2 V / 7.2 V AC     | Rated control voltage | 24 V AC            |
| Rated current AC               | 62.4 mA (50 Hz)       | Status indicator      | red LED            |

**Load side**

|                                         |              |                      |                            |
|-----------------------------------------|--------------|----------------------|----------------------------|
| AC switching capacity (resistive), max. | 2500 VA      | Continuous current   | 10 A                       |
| DC switching capacity (resistive), max. | 240 W @ 24 V | Inrush current       | 20 A / 50 ms               |
| Max. switching frequency at rated load  | 0.1 Hz       | Min. switching power | 10 mA @ 12 V, 100 mA @ 5 V |
| Rated switching voltage                 | 250 V AC     | Switch-off delay     | $\leq 20$ ms               |
| Switch-on delay                         | $\leq 20$ ms |                      |                            |

**Contact data**

|                         |                                       |                    |                      |
|-------------------------|---------------------------------------|--------------------|----------------------|
| Contact type            | 2 CO contact (AgNi flash gold-plated) | Contact resistance | $\leq 50$ m $\Omega$ |
| Mechanical service life | 20 x 10 <sup>6</sup> switching cycles |                    |                      |

**General data**

|                                      |                |
|--------------------------------------|----------------|
| Rail                                 | TS 35          |
| Test button                          | yes (lockable) |
| Mechanical switch position indicator | Yes            |
| Colour                               | black          |

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|                                    |                          |                        |
|------------------------------------|--------------------------|------------------------|
| 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 status indicator |
|                                    | UL94 flammability rating | HB                     |
|                                    | Component                | Relay test button      |
|                                    | UL94 flammability rating | HB                     |

**Insulation coordination**

|                                                               |                             |                                                  |                                |
|---------------------------------------------------------------|-----------------------------|--------------------------------------------------|--------------------------------|
| Clearance and creepage distances for control side - load side | ≥ 5.5 mm                    | Dielectric strength for control side - load side | 1.8 kV <sub>eff</sub> / 1 min. |
| Dielectric strength of neighbouring contacts                  | 1 kV <sub>eff</sub> / 1 min | Dielectric strength of open contact              | 1 kV <sub>eff</sub> / 1 min    |
| Insulating material group                                     | C                           | Pollution severity                               | 2                              |
| Protection degree                                             | IP20                        | Rated voltage                                    | 250 V                          |
| Surge voltage category                                        | III                         |                                                  |                                |

**Further details of approvals / standards**

|                               |         |                              |         |
|-------------------------------|---------|------------------------------|---------|
| Certificate no. (cURus) relay | E312083 | Certificate no. (cURus) base | E355547 |
|-------------------------------|---------|------------------------------|---------|

**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    |
| 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 |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Approval/Certificate/Document of  
Conformity

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

Engineering Data

[STEP](#)

Engineering Data

[EPLAN](#)

Brochure/Catalogue

[Catalogues in PDF-format](#)

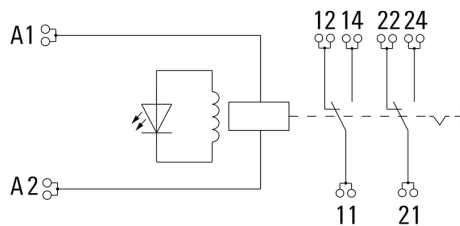
## DRMKITP 24VAC 2CO LD/PB

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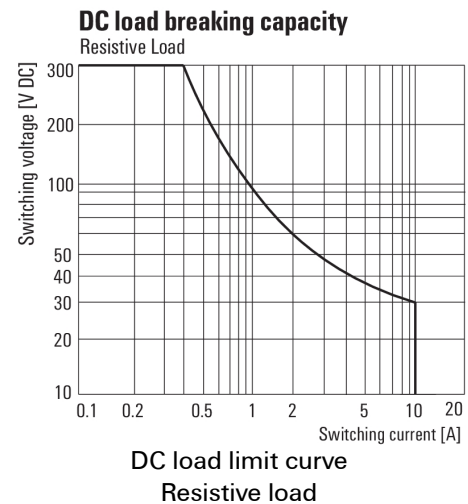
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## Drawings

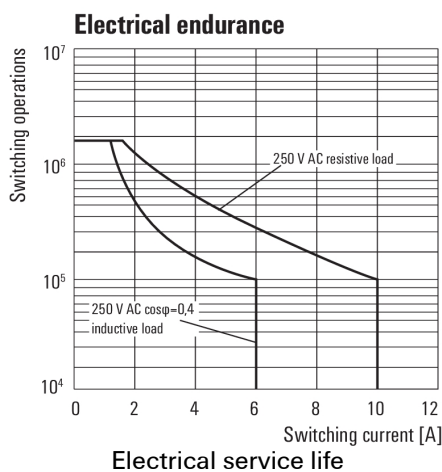
### Wiring diagram



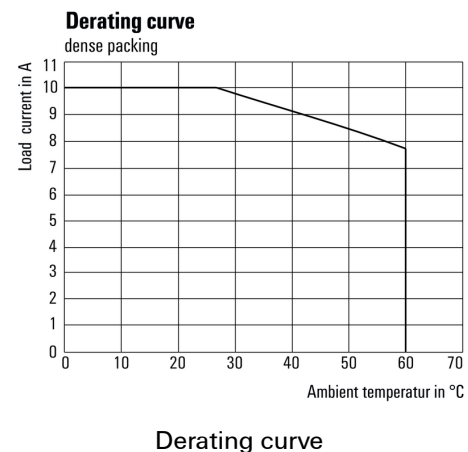
### Graph



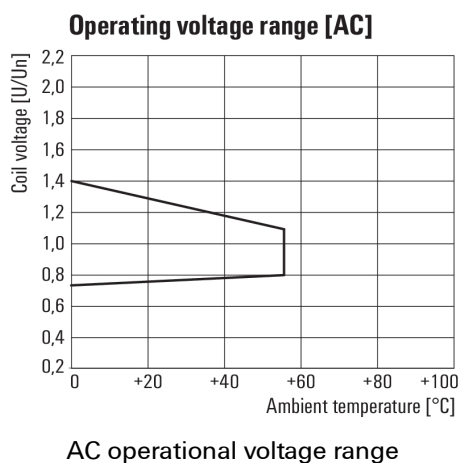
### Graph



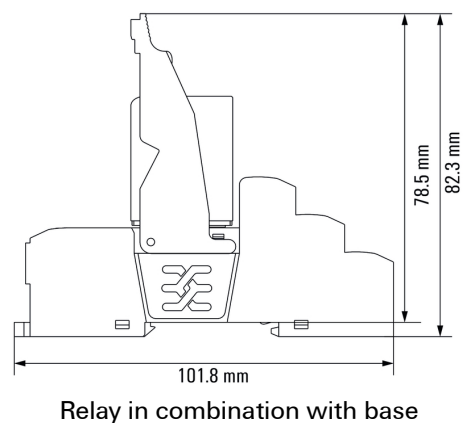
### Graph



### Graph



### Dimensional drawing



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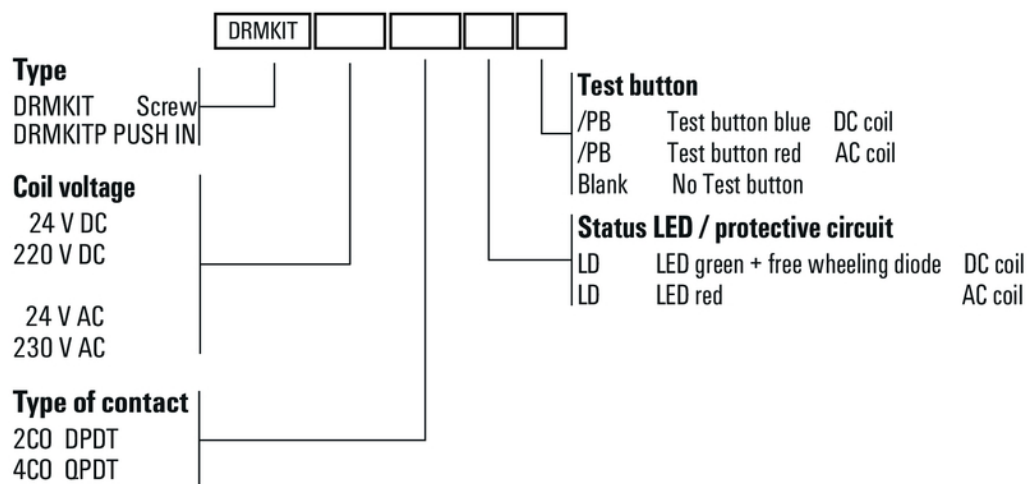
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## Drawings

## Miscellaneous



Type codes