

**DRMKITP115VAC 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: 115 V AC, Continuous current: 10 A, PUSH IN, Test button available: Yes |
| Order No.      | <a href="#">2576000000</a>                                                                                                                                                           |
| Type           | DRMKITP115VAC 2CO LD/PB                                                                                                                                                              |
| GTIN (EAN)     | 4050118585759                                                                                                                                                                        |
| Qty.           | 10 pc(s).                                                                                                                                                                            |
| Relevant base  | <a href="#">7760056362</a>                                                                                                                                                           |
| Relevant relay | <a href="#">7760056075</a>                                                                                                                                                           |

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Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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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 |
| Width      | 30.6 mm  | Width (inches)  | 1.205 inch |
| Net weight | 97.552 g |                 |            |

**Temperatures**

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

**Control side**

|                       |                    |                  |                                  |
|-----------------------|--------------------|------------------|----------------------------------|
| Rated control voltage | 115 V AC           | Rated current AC | 12.6 mA (50 Hz), 10.8 mA (60 Hz) |
| Power rating          | 1.0...1.2VA (60HZ) | Coil resistance  | 400 Ω ± 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                                 |
| AC switching capacity (resistive), max. | 2500 VA                               | DC switching capacity (resistive), max. | 240 W @ 24 V                          |
| Switch-on delay                         | <20 ms                                | Switch-off delay                        | <20 ms                                |
| Contact type                            | 2 CO contact (AgNi flash gold-plated) | Mechanical service life                 | 20 x 10 <sup>6</sup> switching cycles |
| Min. switching power                    | 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 | Yes                                         |                        |
| 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 status indicator |
|                                      | UL94 flammability rating                    | HB                     |
|                                      | Component                                   | Relay test button      |
|                                      | UL94 flammability rating                    | HB                     |

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

|                                                               |                             |                                                  |                                |
|---------------------------------------------------------------|-----------------------------|--------------------------------------------------|--------------------------------|
| Rated voltage                                                 | 250 V                       | Pollution severity                               | 2                              |
| Surge voltage category                                        | III                         | Insulating material group                        | C                              |
| 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    |
| Protection degree                                             | IP20                        |                                                  |                                |

**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    |
| ETIM 8.0    | EC001437    | ETIM 9.0    | EC001437    |
| ETIM 10.0   | 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 | ECLASS 14.0 | 27-37-16-01 |
| ECLASS 15.0 | 27-37-16-01 |             |             |

**Environmental Product Compliance**

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

**Approvals**

Approvals



|                 |                                                                                                                                                                                                                                                                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
| 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

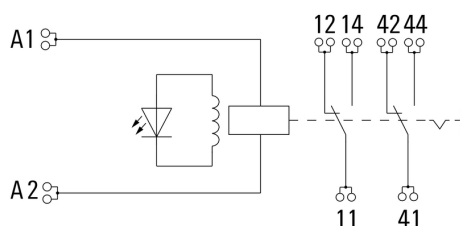
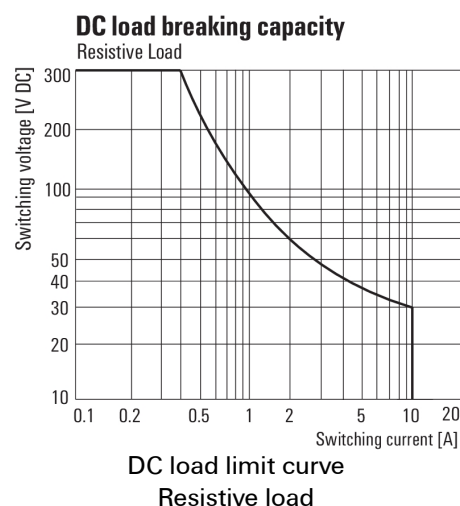
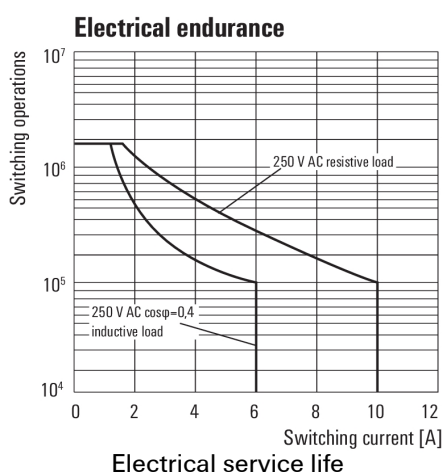
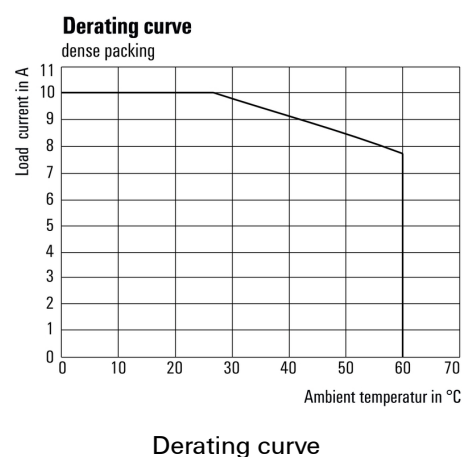
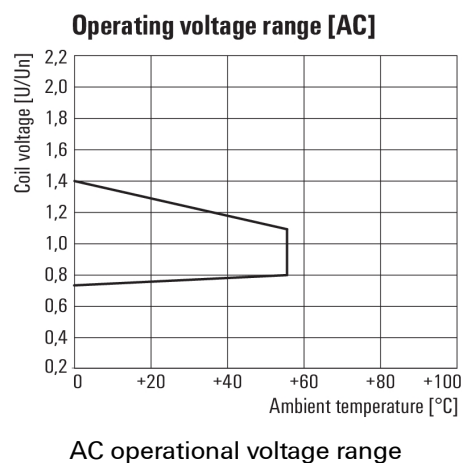
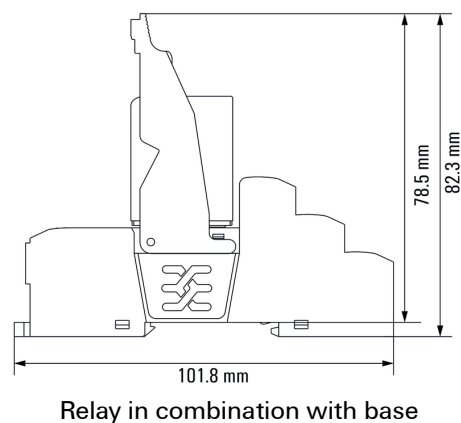
[Catalogues in PDF-format](#)

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**Drawings**
**Wiring diagram**

**Graph**

**Graph**

**Graph**

**Graph**

**Dimensional drawing**


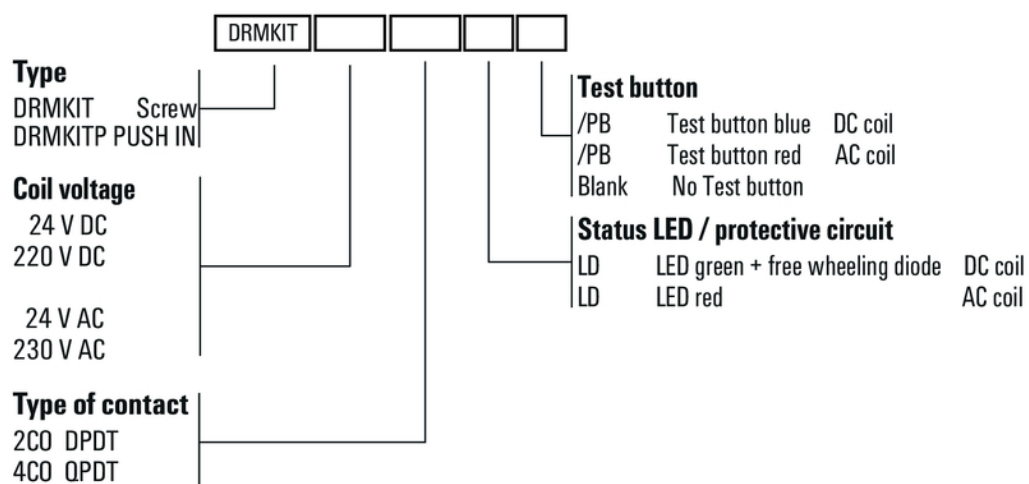
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# Drawings

## Miscellaneous



Type codes