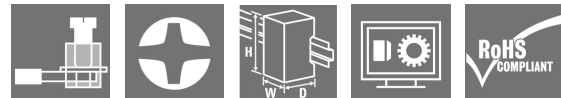


**DRMKIT 24VDC 4CO LD/PB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

- Mounted kit consisting relay, socket and retaining clip
- 100 % function tested
- 100 % check of the dielectric strenght between input - output
- 4 CO contacts
- 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: 4, CO contact AgNi flash gold-plated, Rated control voltage: 24 V DC, Continuous current: 5 A, Screw connection, Test button available: Yes |
| Order No.      | <a href="#">1542510000</a>                                                                                                                                                                  |
| Type           | DRMKIT 24VDC 4CO LD/PB                                                                                                                                                                      |
| GTIN (EAN)     | 4050118347302                                                                                                                                                                               |
| Qty.           | 10 pc(s).                                                                                                                                                                                   |
| Relevant base  | <a href="#">7760056264</a>                                                                                                                                                                  |
| Relevant relay | <a href="#">7760056097</a>                                                                                                                                                                  |

Creation date October 30, 2021 10:12:51 AM CEST

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

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 66.8 mm | Depth (inches)  | 2.63 inch  |
| Height     | 79.9 mm | Height (inches) | 3.146 inch |
| Width      | 27.2 mm | Width (inches)  | 1.071 inch |
| Net weight | 93.35 g |                 |            |

**Temperatures**

|                     |                |                       |                |
|---------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...70 °C | Operating temperature | -40 °C...60 °C |
|---------------------|----------------|-----------------------|----------------|

**Environmental Product Compliance**

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

**Control side**

|                       |                     |                                |                 |
|-----------------------|---------------------|--------------------------------|-----------------|
| Rated control voltage | 24 V DC             | Rated current DC               | 36.9 mA         |
| Power rating          | 0.9 W               | Pull-in/drop-out voltage, typ. | 18 V / 2.4 V DC |
| Coil resistance       | 630 Ω ± 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                                | Min. switching power                    | 10 mA @ 12 V, 100 mA @ 5 V            |
| Inrush current                          | 10 A / 50 ms                          | AC switching capacity (resistive), max. | 1250 VA                               |
| DC switching capacity (resistive), max. | 120 W @ 24 V                          | Switch-on delay                         | ≤ 20 ms                               |
| Switch-off delay                        | ≤ 20 ms                               | Contact type                            | 4 CO contact (AgNi flash gold-plated) |
| Mechanical service life                 | 20 x 10 <sup>6</sup> switching cycles |                                         |                                       |

**General data**

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |         |                          |     |           |               |                          |    |           |                |                          |    |           |             |                          |     |           |                 |                          |     |           |                        |                          |    |           |                   |                          |    |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------|--------------------------|-----|-----------|---------------|--------------------------|----|-----------|----------------|--------------------------|----|-----------|-------------|--------------------------|-----|-----------|-----------------|--------------------------|-----|-----------|------------------------|--------------------------|----|-----------|-------------------|--------------------------|----|
| Rail                                 | TS 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |         |                          |     |           |               |                          |    |           |                |                          |    |           |             |                          |     |           |                 |                          |     |           |                        |                          |    |           |                   |                          |    |
| Test button available                | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |         |                          |     |           |               |                          |    |           |                |                          |    |           |             |                          |     |           |                 |                          |     |           |                        |                          |    |           |                   |                          |    |
| Mechanical switch position indicator | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |         |                          |     |           |               |                          |    |           |                |                          |    |           |             |                          |     |           |                 |                          |     |           |                        |                          |    |           |                   |                          |    |
| Colour                               | black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |           |         |                          |     |           |               |                          |    |           |                |                          |    |           |             |                          |     |           |                 |                          |     |           |                        |                          |    |           |                   |                          |    |
| UL94 flammability rating component   | <table> <tr> <td>Component</td><td>Housing</td></tr> <tr> <td>UL94 flammability rating</td><td>V-2</td></tr> <tr> <td>Component</td><td>Mounting foot</td></tr> <tr> <td>UL94 flammability rating</td><td>HB</td></tr> <tr> <td>Component</td><td>Retaining clip</td></tr> <tr> <td>UL94 flammability rating</td><td>HB</td></tr> <tr> <td>Component</td><td>Relay cover</td></tr> <tr> <td>UL94 flammability rating</td><td>V-2</td></tr> <tr> <td>Component</td><td>Relay baseplate</td></tr> <tr> <td>UL94 flammability rating</td><td>V-0</td></tr> <tr> <td>Component</td><td>Relay status indicator</td></tr> <tr> <td>UL94 flammability rating</td><td>HB</td></tr> <tr> <td>Component</td><td>Relay test button</td></tr> <tr> <td>UL94 flammability rating</td><td>HB</td></tr> </table> | Component | Housing | UL94 flammability rating | V-2 | 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 |
| Component                            | Housing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |         |                          |     |           |               |                          |    |           |                |                          |    |           |             |                          |     |           |                 |                          |     |           |                        |                          |    |           |                   |                          |    |
| UL94 flammability rating             | V-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |         |                          |     |           |               |                          |    |           |                |                          |    |           |             |                          |     |           |                 |                          |     |           |                        |                          |    |           |                   |                          |    |
| 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    |
| Impulse withstand voltage                                     | 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                                                                  | Screw connection    | Stripping length, rated connection                                                      | 7 mm                |
| Tightening torque, min.                                                                 | 0.5 Nm              | Tightening torque, max.                                                                 | 0.7 Nm              |
| Clamping range, min.                                                                    | 0.5 mm <sup>2</sup> | Clamping range, max.                                                                    | 2.5 mm <sup>2</sup> |
| Wire cross-section, solid, min.                                                         | 0.5 mm <sup>2</sup> | Wire cross-section, solid, max.                                                         | 2.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup> | Wire connection cross section, finely stranded, max.                                    | 2.5 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup> | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm <sup>2</sup> |
| Conductor cross-section, flexible, AEH (DIN 46228-1), min.                              | 0.5 mm <sup>2</sup> | Conductor cross-section, flexible, AEH (DIN 46228-1), max.                              | 2.5 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, two clampable wires, min.               | 0.5 mm <sup>2</sup> | Wire cross-section, finely stranded, two clampable wires, max.                          | 1 mm <sup>2</sup>   |
| Blade size                                                                              | size PH1            |                                                                                         |                     |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001437    | ETIM 7.0    | EC001437    |
| ETIM 8.0    | 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 |             |             |

**Approvals**

Approvals



ROHS

Conform

**Downloads**

|                                             |                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                    |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                                |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                |

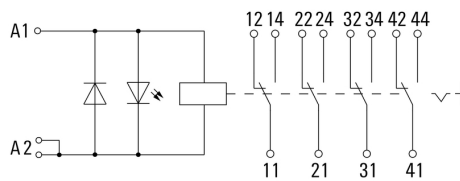
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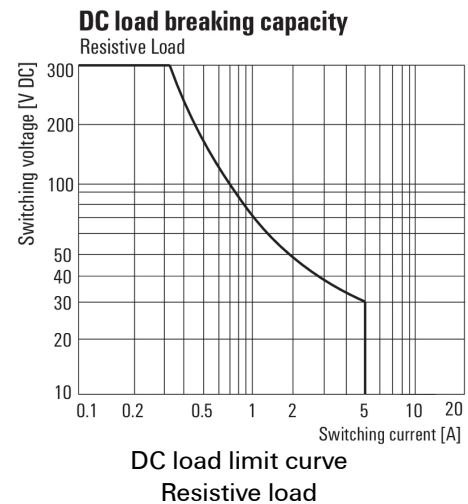
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## Drawings

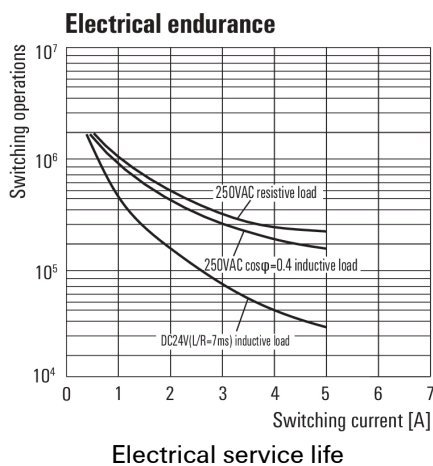
### Wiring diagram



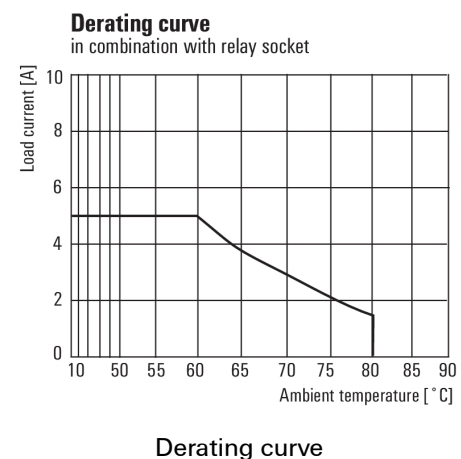
### Graph



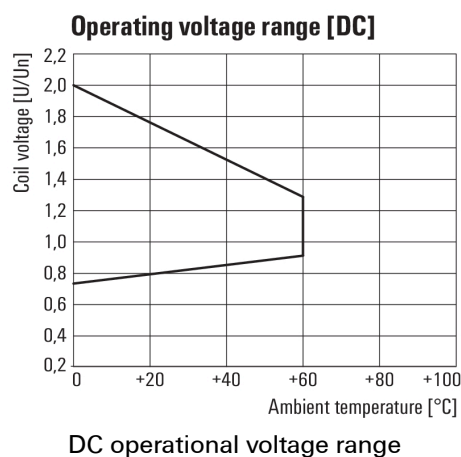
### Graph



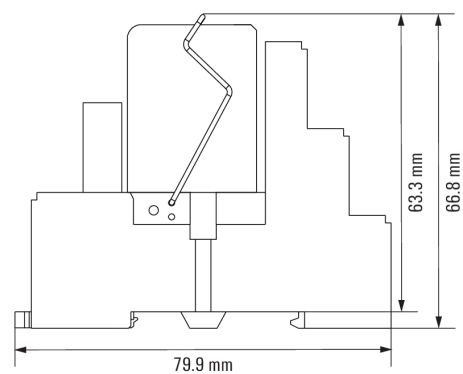
### Graph



### Graph



### Dimensional drawing

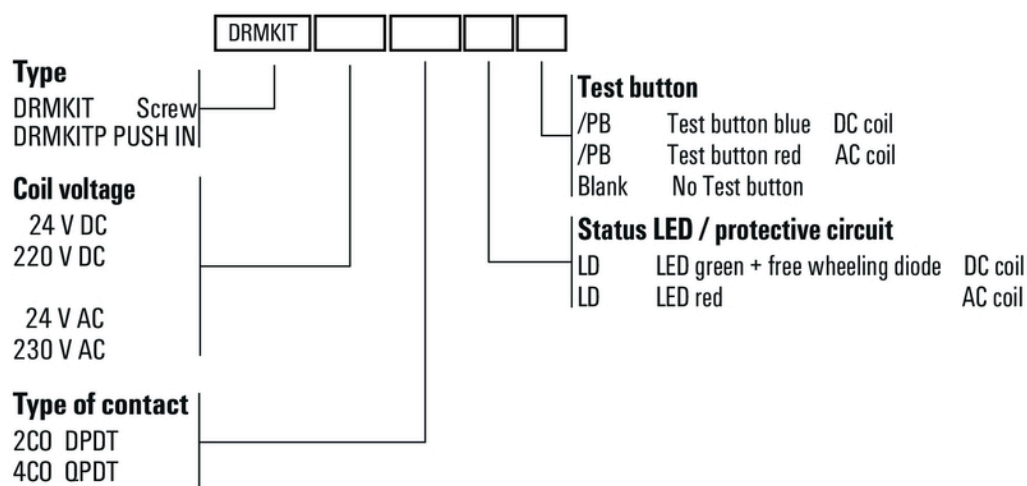


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**Drawings**
**Miscellaneous**


Type codes