

# DRIKIT 115VAC 1CO LD

**Weidmüller Interfaces GmbH & Co. KG**

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## 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: 115 V AC, Continuous current: 10 A, Screw connection, Test button available: No |
| Order No.      | <a href="#">2476720000</a>                                                                                                                                                  |
| Type           | DRIKIT 115VAC 1CO LD                                                                                                                                                        |
| GTIN (EAN)     | 4050118496949                                                                                                                                                               |
| Qty.           | 10 pc(s).                                                                                                                                                                   |
| Relevant relay | <a href="#">7760056308</a>                                                                                                                                                  |
| Relevant base  | <a href="#">7760056350</a>                                                                                                                                                  |

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

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 67.7 mm | Depth (inches)  | 2.665 inch |
| Height     | 80.2 mm | Height (inches) | 3.157 inch |
| Width      | 15.8 mm | Width (inches)  | 0.622 inch |
| Net weight | 58.2 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 | 115 V AC               | Rated current AC               | 9.3 mA           |
| Power rating          | 1.1 VA                 | Pull-in/drop-out voltage, typ. | 92 V / 34.5 V AC |
| Coil resistance       | 6200 $\Omega \pm 10\%$ | Coil tolerance                 | 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, DC              | 250 V                                 |
| AC switching capacity (resistive), max. | 2500 VA                                  | DC switching capacity (resistive), max. | 240 W @ 24 V                          |
| Switch-on delay                         | $\leq 15$ ms                             | Switch-off delay                        | $\leq 10$ 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                | 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             |

**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 | $\geq 3$ mm                 | Dielectric strength for control side - load side | 4 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 $\mu$ s)      |
| Protection degree                                             | IP20                        |                                                  |                              |

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**Further details of approvals / standards**

|                              |                                                                              |                               |         |
|------------------------------|------------------------------------------------------------------------------|-------------------------------|---------|
| Standards                    | IEC 61810-1, EN 60664-1:2007, EN 61000-6-2:2005, EN 61000-6-4:2007 + A1:2011 | Certificate no. (cURus) relay | E312083 |
| Certificate no. (cURus) base | E355547                                                                      |                               |         |

**Connection data**

|                                                                                         |                     |                                                                                         |                      |
|-----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------|----------------------|
| Wire connection method                                                                  | Screw connection    | Stripping length, rated connection                                                      | 8 mm                 |
| Tightening torque, min.                                                                 | 0.5 Nm              | Tightening torque, max.                                                                 | 0.8 Nm               |
| Clamping range, rated connection                                                        | 1.5 mm <sup>2</sup> | Clamping range, min.                                                                    | 0.25 mm <sup>2</sup> |
| Clamping range, max.                                                                    | 4 mm <sup>2</sup>   | Wire cross-section, solid, min.                                                         | 0.25 mm <sup>2</sup> |
| Wire cross-section, solid, max.                                                         | 4 mm <sup>2</sup>   | Wire connection cross section, finely stranded, min.                                    | 0.25 mm <sup>2</sup> |
| Wire connection cross section, finely stranded, max.                                    | 4 mm <sup>2</sup>   | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.25 mm <sup>2</sup> |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm <sup>2</sup>   | Conductor cross-section, flexible, AEH (DIN 46228-1), min.                              | 0.25 mm <sup>2</sup> |
| Conductor cross-section, flexible, AEH (DIN 46228-1), max.                              | 4 mm <sup>2</sup>   | Blade size                                                                              | size PH1             |
| Gauge to IEC 60947-1                                                                    | A3                  |                                                                                         |                      |

**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 | ECLASS 12.0 | 27-37-16-01 |

**Environmental Product Compliance**

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

**Approvals**

Approvals



ROHS Conform

**Downloads**

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

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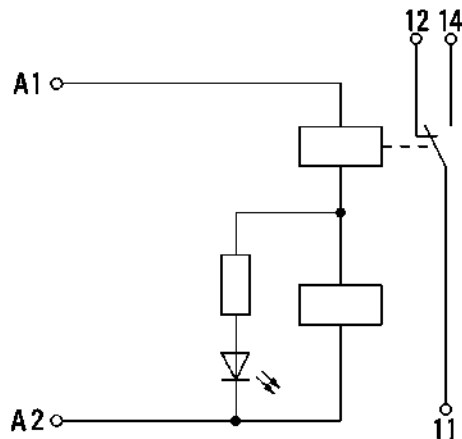
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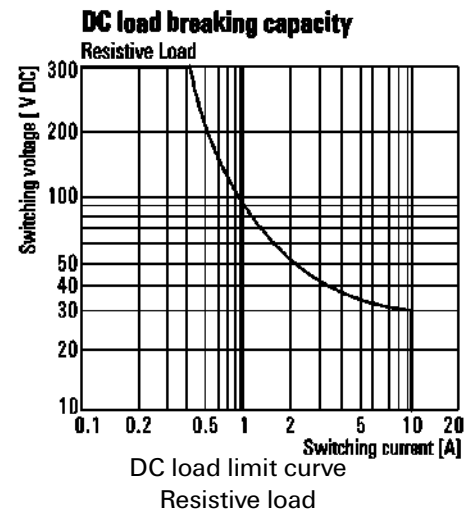
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## Drawings

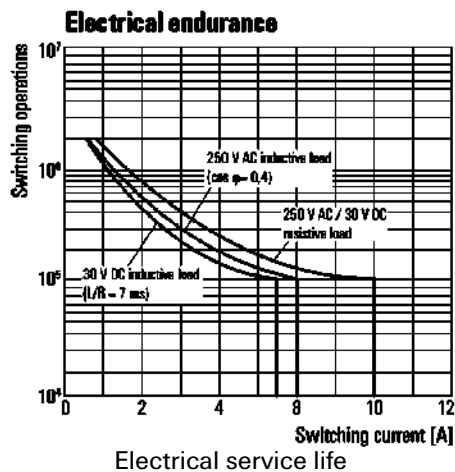
### Wiring diagram



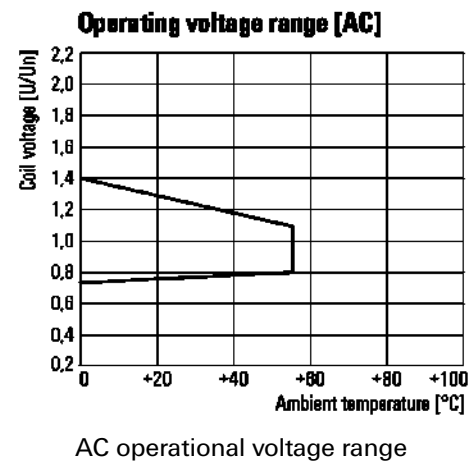
### Graph



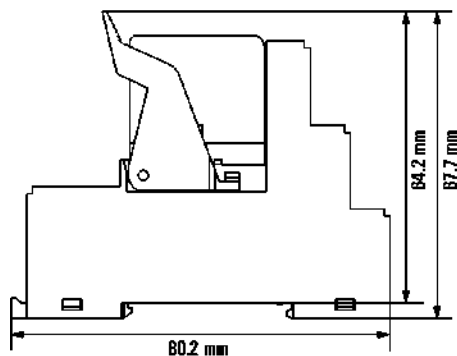
### Graph



### Graph



### Dimensional drawing



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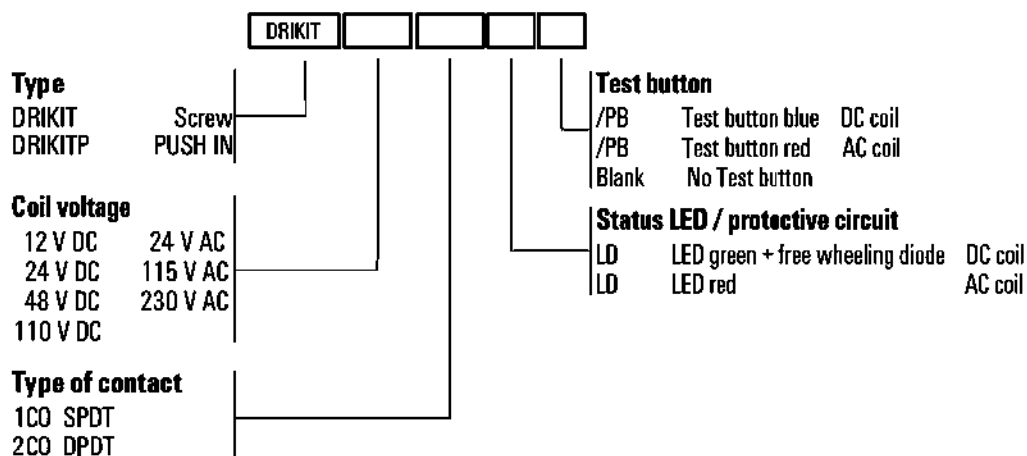
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## Drawings

## Miscellaneous



Type codes