

**DRIKIT 115VAC 2CO LD/PB**
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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: 115 V AC, Continuous current: 5 A, Screw connection |
| Order No.      | <a href="#">2476930000</a>                                                                                                                      |
| Type           | DRIKIT 115VAC 2CO LD/PB                                                                                                                         |
| GTIN (EAN)     | 4050118497151                                                                                                                                   |
| Qty.           | 10 pc(s).                                                                                                                                       |
| Relevant base  | <a href="#">7760056351</a>                                                                                                                      |
| Relevant relay | <a href="#">7760056344</a>                                                                                                                      |

Creation date March 27, 2021 1:18:17 AM CET

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

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 68 mm      | Depth (inches)  | 2.677 inch |
| Height         | 80.2 mm    | Height (inches) | 3.157 inch |
| Net weight     | 64 g       | Width           | 15.8 mm    |
| Width (inches) | 0.622 inch |                 |            |

**Temperatures**

|                     |                                          |                       |                |
|---------------------|------------------------------------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °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                | 6200 $\Omega \pm 10\%$ | Power rating          | 1.1 VA   |
| Pull-in/drop-out voltage, typ. | 92 V / 34.5 V AC       | Rated control voltage | 115 V AC |
| Rated current AC               | 9.3 mA                 | Status indicator      | red LED  |

**Load side**

|                                         |              |                                        |                                          |
|-----------------------------------------|--------------|----------------------------------------|------------------------------------------|
| AC switching capacity (resistive), max. | 1250 VA      | Continuous current                     | 5 A                                      |
| DC switching capacity (resistive), max. | 150 W @ 24 V | Max. switching frequency at rated load | 0.1 Hz                                   |
| Max. switching voltage, DC              | 250 V        | Min. switching power                   | 10 mA @ 24 V, 10 mA @ 12 V, 100 mA @ 5 V |
| Rated switching voltage                 | 250 V AC     | Switch-off delay                       | $\leq 10$ ms                             |
| Switch-on delay                         | $\leq 15$ ms |                                        |                                          |

**Contact data**

|              |                      |                         |                                       |
|--------------|----------------------|-------------------------|---------------------------------------|
| Contact type | 2 CO contact (AgSnO) | Mechanical service life | 10 x 10 <sup>6</sup> switching cycles |
|--------------|----------------------|-------------------------|---------------------------------------|

**General data**

|                                      |                          |                        |  |
|--------------------------------------|--------------------------|------------------------|--|
| Rail                                 | TS 35                    |                        |  |
| Test button                          | yes (lockable)           |                        |  |
| Mechanical switch position indicator | Yes                      |                        |  |
| 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                    |  |
|                                      | Component                | Relay status indicator |  |
|                                      | UL94 flammability rating | HB                     |  |
|                                      | Component                | Relay test button      |  |
|                                      | UL94 flammability rating | HB                     |  |

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

|                                                |                             |                                              |                                |
|------------------------------------------------|-----------------------------|----------------------------------------------|--------------------------------|
| Creepage and clearance distance input – output | ≥ 3 mm                      | 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 | Dielectric strength, Input/Output            | 4 kV <sub>eff</sub> / 1 min    |
| Impulse withstand voltage                      | 4.8 kV (1.2/50 µs)          | Insulating material group                    | IIIb                           |
| Pollution severity                             | 2                           | Protection degree                            | IP20                           |
| Rated voltage                                  | 250 V                       | Surge voltage category                       | III                            |

**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    |
| 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>                                |

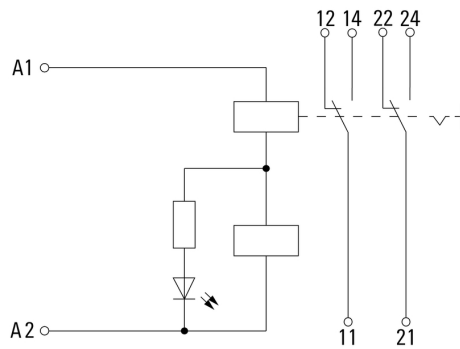
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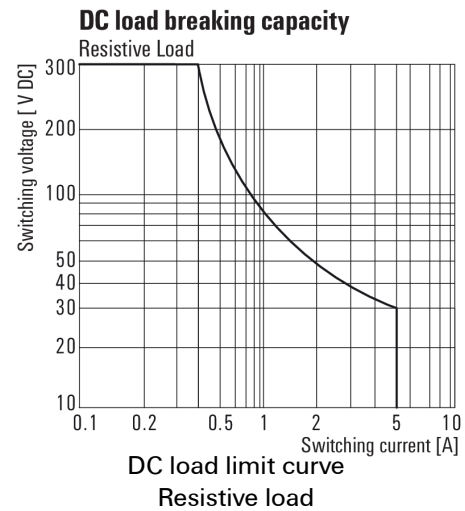
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## Drawings

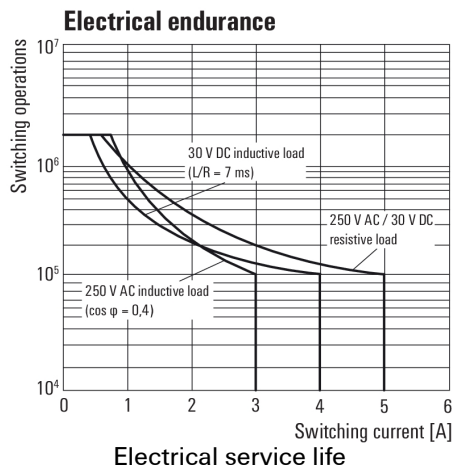
### Wiring diagram



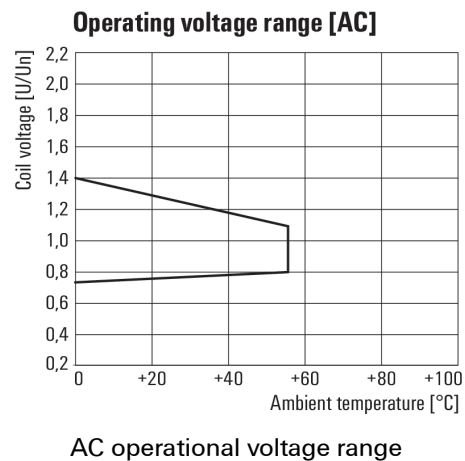
### Graph



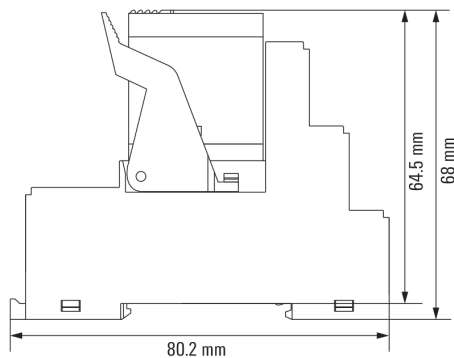
### Graph



### Graph



### Dimensional drawing



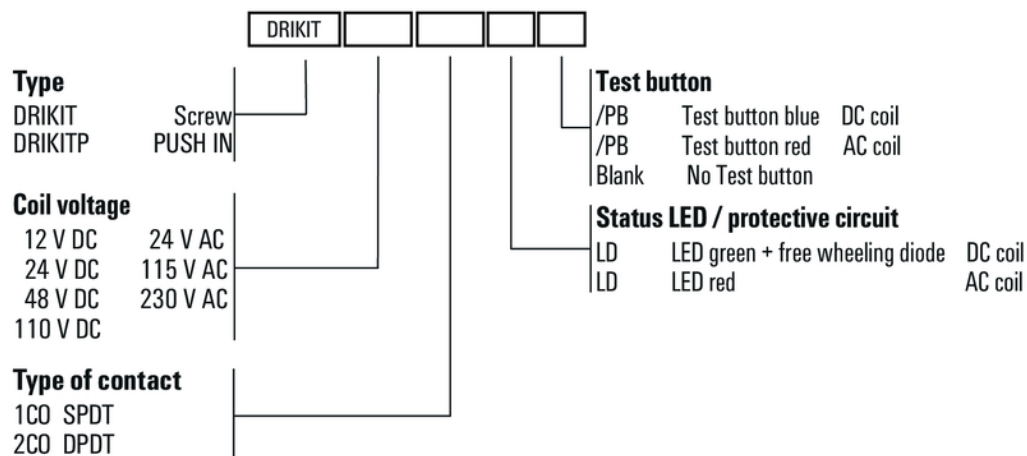
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## Drawings

## Miscellaneous



Type codes