

**DRL373615L****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Similar to illustration

Individual relays within the D-SERIES DRL

- 3 CO contacts
- Optional AC or DC coils
- With integrated status LED

**General ordering data**

|            |  |
|------------|--|
| Version    | D-SERIES DRL, Relay, Number of contacts: 3, CO contact AgSnO, Rated control voltage: 115 V AC, Continuous current: 10 A, Flat blade connections (4.8 mm x 0.5 mm), Test button available: No |
| Order No.  | <a href="#">2765440000</a>   |
| Type       | DRL373615L   |
| GTIN (EAN) | 4064675076759  |
| Qty.       | 10 pc(s).  |

Creation date October 6, 2024 1:00:10 AM CEST

Catalogue status 28.09.2024 / We reserve the right to make technical changes.

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

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 36 mm   | Depth (inches)  | 1.417 inch |
| Height     | 28 mm   | Height (inches) | 1.102 inch |
| Width      | 31.5 mm | Width (inches)  | 1.24 inch  |
| Net weight | 57.8 g  |                 |            |

**Temperatures**

|                     |                                      |                       |                |
|---------------------|--------------------------------------|-----------------------|----------------|
| Storage temperature | -25 °C...55 °C                       | Operating temperature | -25 °C...55 °C |
| Humidity            | 35 % to 85 % relative humidity level |                       |                |

**Rated data UL**

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E312083 |
|-------------------------|---------|

**Control side**

|                       |          |                  |                        |
|-----------------------|----------|------------------|------------------------|
| Rated control voltage | 115 V AC | Rated current AC | 16 mA                  |
| Power rating          | 2 VA     | Coil resistance  | 2500 $\Omega \pm 10\%$ |
| 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, AC              | 250 V                |
| Inrush current                          | 50 A / 50 ms                          | AC switching capacity (resistive), max. | 2500 VA              |
| DC switching capacity (resistive), max. | 300 W @ 24 V                          | Switch-on delay                         | < 20 ms              |
| Switch-off delay                        | < 20 ms                               | Contact type                            | 3 CO contact (AgSnO) |
| Mechanical service life                 | 10 x 10 <sup>6</sup> switching cycles | Min. switching power                    | 10 mA @ 12 V         |

**General data**

|                                      |                          |                        |
|--------------------------------------|--------------------------|------------------------|
| Test button available                | No                       |                        |
| Mechanical switch position indicator | Yes                      |                        |
| Colour                               | Transparent              |                        |
| UL94 flammability rating component   | Component                | Relay cover            |
|                                      | UL94 flammability rating | V-2                    |
|                                      | Component                | Relay baseplate        |
|                                      | UL94 flammability rating | V-0                    |
|                                      | Component                | Relay status indicator |
|                                      | UL94 flammability rating | HB                     |

**Insulation coordination**

|   |                             |  |                                |
|---|-----------------------------|--|--------------------------------|
| Rated voltage   | 250 V                       | Pollution severity                               | 3                              |
| Surge voltage category  | III                         | Insulating material group                        | IIIa                           |
| Clearance and creepage distances for control side - load side | $\geq 4$ mm                 | Dielectric strength for control side - load side | 2.5 kV <sub>eff</sub> / 1 min  |
| Dielectric strength of neighbouring contacts                  | 2 kV <sub>eff</sub> / 1 min | Dielectric strength of open contact              | 1.2 kV <sub>eff</sub> / 1 min. |
| Impulse withstand voltage                                     | 5 kV (1.2/50 $\mu$ s)       | Protection degree                                | IP20                           |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Further details of approvals / standards**

|                         |         |
|-------------------------|---------|
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|-------------------------|---------|

**Connection data**

|                        |   |
|------------------------|---|
| Wire connection method | Flat blade connections<br>(4.8 mm x 0.5 mm) |
|------------------------|---|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001437    | ETIM 7.0    | EC001437    |
| ETIM 8.0    | EC001437    | ETIM 9.0    | 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 |             |             |

**Environmental Product Compliance**

|                        |                             |
|------------------------|-----------------------------|
| REACH SVHC             | /                           |
| RoHS Compliance Status | Compliant without exemption |

**Approvals**

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate No. (cURus) | E312083                    |

**Downloads**

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">EU Konformitätserklärung / EU Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>   |
| User Documentation                          | <a href="#">FL_D-SERIES_DRL3CO_LOAD_GUIDE</a>                           |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                |

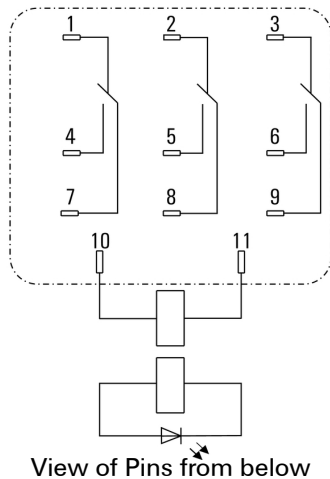
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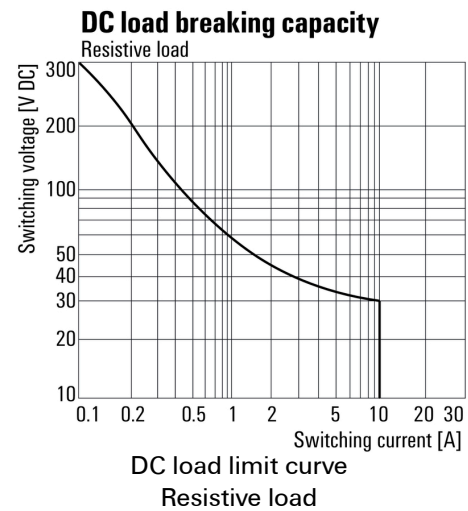
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

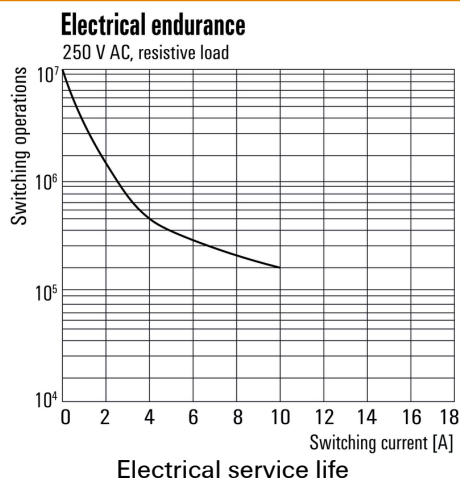
### Wiring diagram



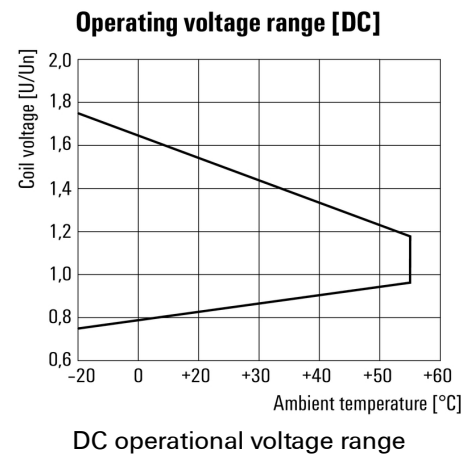
### DC load limit curve



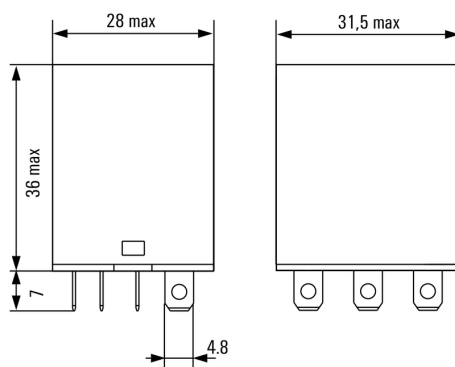
### Graph



### Graph



### Dimensional drawing



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## Accessories

## Sockets



Relay sockets for the D-SERIES DRL relays

- 2, 3 and 4 CO contacts
- Screw connection

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | SLD F 3CO                  | Version  |
| Order No.  | <a href="#">7760056226</a> | D-SERIES DRL, Relay socket, Number of contacts: 3, CO contact, |
| GTIN (EAN) | 6944169634024              | Continuous current: 10 A, Screw connection                     |
| Qty.       | 10 pc(s).                  |  |

## Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | ESG 6/15 K MC NE WS        | Version   |
| Order No.  | <a href="#">1880100000</a> | ESG, Device markers x 15 mm, PA 66, Colour: white, Self-adhesive  |
| GTIN (EAN) | 4032248478781              |   |
| Qty.       | 200 pc(s).                 |   |
| Type       | ESG 6/15 K MC NE GE        | Version   |
| Order No.  | <a href="#">1880130000</a> | ESG, Device markers x 15 mm, PA 66, Colour: yellow, Self-adhesive |
| GTIN (EAN) | 4032248478910              |   |
| Qty.       | 200 pc(s).                 |   |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Retaining clips**

Retaining clip for D-SERIES DRL relays

- Metal retaining clip

**General ordering data**

|            |                            |                          |
|------------|----------------------------|--------------------------|
| Type       | SLD CLIP 3CO M             | Version                  |
| Order No.  | <a href="#">7760056234</a> | D-SERIES, Retaining clip |
| GTIN (EAN) | 6944169634048              |                          |
| Qty.       | 10 pc(s).                  |                          |

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**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | ESG 9/11 K MC NE WS        | Version  |
| Order No.  | <a href="#">1857440000</a> | ESG, Device markers x 11 mm, PA 66, Colour: white, Self-adhesive |
| GTIN (EAN) | 4032248402731              |  |
| Qty.       | 200 pc(s).                 |  |

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## Accessories

## ESG 6/17

**Guaranteed long service life: ESG**

The multi-colour and multi-format labels have a strong adhesive layer to ensure the best possible adhesion to the underlying surface. Double laminated polyester makes the basic material very thin and yet extremely tear-resistant.

**Your benefits with MultiMark**

- "Different materials for various requirements"
- Can be used with equipment from many manufacturers
- Device markers with a familiar design

**General ordering data**

|            |                            |                                       |
|------------|----------------------------|---------------------------------------|
| Type       | ESG 6/17 MM WS             | Version                               |
| Order No.  | <a href="#">2005100000</a> | ESG, Device markers, 6 x 17 mm, white |
| GTIN (EAN) | 4050118390728              |                                       |
| Qty.       | 3,000 pc(s).               |                                       |

**Protection modules**

Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With free-wheeling diode or RC filter

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | RIM 3 110/230VAC LED       | Version  |
| Order No.  | <a href="#">7760056045</a> | D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in connection |
| GTIN (EAN) | 4032248878147              |  |
| Qty.       | 10 pc(s).                  |  |
| Type       | RIM 3 110/230VAC           | Version  |
| Order No.  | <a href="#">7760056014</a> | D-SERIES, RC filter, Rated control voltage: 110...230 V AC, Plug-in connection |
| GTIN (EAN) | 4032248878109              |  |
| Qty.       | 10 pc(s).                  |  |

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## Accessories

## LED



Pluggable protective modules for the D-SERIES relay sockets, with optional protective functions.

- With green LED

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | RIM 3 110/230VUC           | Version  |
| Order No.  | <a href="#">7940018455</a> | D-SERIES, LED module, Rated control voltage: 110...230 V UC, Plug-in |
| GTIN (EAN) | 4032248878185              | connection   |
| Qty.       | 10 pc(s).                  |  |

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|            |                            |   |
|------------|----------------------------|---|
| Type       | ESG 6/17 K MC NE GE        | Version   |
| Order No.  | <a href="#">1880110000</a> | ESG, Device markers x 17 mm, PA 66, Colour: yellow, Self-adhesive |
| GTIN (EAN) | 4032248478798              |   |
| Qty.       | 200 pc(s).                 |   |
| Type       | ESG 6/17 K MC NE WS        | Version   |
| Order No.  | <a href="#">1880120000</a> | ESG, Device markers x 17 mm, PA 66, Colour: white, Self-adhesive  |
| GTIN (EAN) | 4032248478804              |   |
| Qty.       | 200 pc(s).                 |   |



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****ESG 6/15****Guaranteed long service life: ESG**

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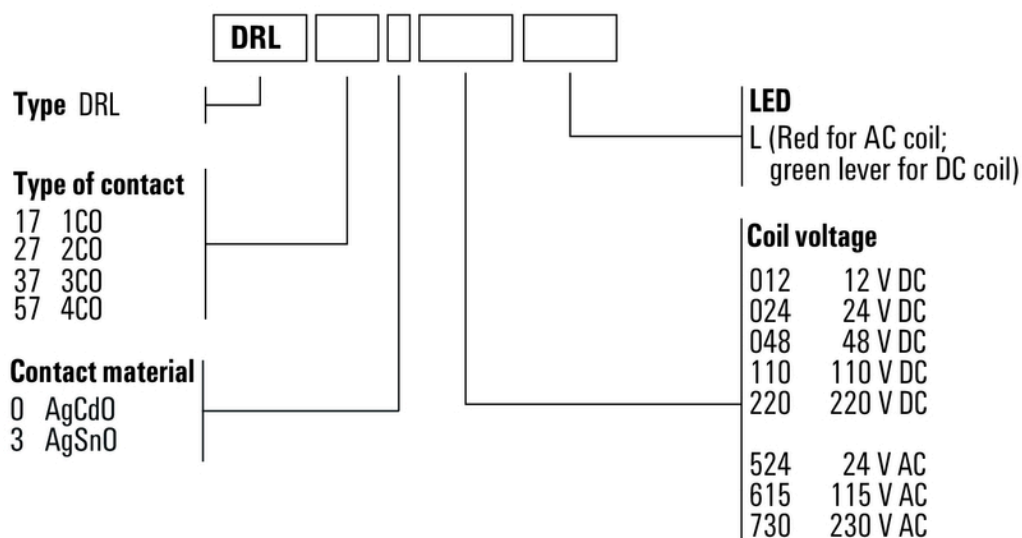
|            |                            |                                       |
|------------|----------------------------|---------------------------------------|
| Type       | ESG 6/15 MM WS             | Version                               |
| Order No.  | <a href="#">2619940000</a> | ESG, Device markers, 6 x 15 mm, white |
| GTIN (EAN) | 4050118626148              |                                       |
| Qty.       | 3,000 pc(s).               |                                       |

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Type codes