

**DRW373615LT****Weidmüller Interface GmbH & Co. KG**

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**Product image**

Similar to illustration

Individual relays within the D-SERIES DRW

- 3 CO contacts
- Optional AC or DC coils
- With test button and Integrated status LED

**General ordering data**

|            |                                                                                                                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | D-SERIES DRW / DRH, Relay, Number of contacts: 3, CO contact AgSnO, Rated control voltage: 115 V AC, Continuous current: 16 A, Flat blade connections (4.8 mm x 0.5 mm), Test button available: Yes |
| Order No.  | <a href="#">2765560000</a>                                                                                                                                                                          |
| Type       | DRW373615LT                                                                                                                                                                                         |
| GTIN (EAN) | 4064675076636                                                                                                                                                                                       |
| Qty.       | 10 items                                                                                                                                                                                            |

## Technical data

### Approvals

Approvals



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

### Dimensions and weights

|            |        |                 |             |
|------------|--------|-----------------|-------------|
| Depth      | 48 mm  | Depth (inches)  | 1.8898 inch |
| Height     | 36 mm  | Height (inches) | 1.4173 inch |
| Width      | 36 mm  | Width (inches)  | 1.4173 inch |
| Net weight | 82.8 g |                 |             |

### Temperatures

|                       |                |                     |                                         |
|-----------------------|----------------|---------------------|-----------------------------------------|
| Storage temperature   | -40 °C...60 °C | Ambient temperature | -40 °C...60 °C                          |
| Operating temperature |                | Humidity            | 5...85 % rel. humidity, no condensation |

### Environmental Product Compliance

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

### Rated data UL

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

### Control side

|                       |          |                  |               |
|-----------------------|----------|------------------|---------------|
| Rated control voltage | 115 V AC | Rated current AC | 21 mA         |
| Power rating          | 2.5 VA   | Coil resistance  | 2200 Ω ± 10 % |
| Status indicator      | red LED  |                  |               |

### Load side

|                                         |                      |                                         |                                       |
|-----------------------------------------|----------------------|-----------------------------------------|---------------------------------------|
| Rated switching voltage                 | 400 VAC              | Continuous current                      | 16 A                                  |
| Max. switching frequency at rated load  | 0.1 Hz               | Max. switching voltage, AC              | 400 V                                 |
| Max. switching voltage, DC              | 250 V                | Inrush current                          | 80 A / 50 ms                          |
| AC switching capacity (resistive), max. | 6400 VA              | DC switching capacity (resistive), max. | 384 W @ 24 V                          |
| Switch-on delay                         | <20 ms               | Switch-off delay                        | <20 ms                                |
| Contact type                            | 3 CO contact (AgSnO) | Mechanical service life                 | 20 x 10 <sup>6</sup> switching cycles |
| Min. switching power                    | 100 mA @ 12 V        |                                         |                                       |

### General data

|                                      |                                             |                        |
|--------------------------------------|---------------------------------------------|------------------------|
| Test button available                | Yes                                         |                        |
| Version of test button               | Lockable test button, Momentary test button |                        |
| Mechanical switch position indicator | Yes                                         |                        |
| Colour                               | Transparent                                 |                        |
| UL94 flammability rating component   | Component                                   | Relay test button      |
|                                      | UL94 flammability rating                    | HB                     |
|                                      | Component                                   | Relay status indicator |
|                                      | UL94 flammability rating                    | HB                     |

## Technical data

|                          |                 |
|--------------------------|-----------------|
| Component                | Relay baseplate |
| UL94 flammability rating | V-0             |
| Component                | Relay cover     |
| UL94 flammability rating | V-2             |

## Insulation coordination

|                                                  |                    |                                                               |                  |
|--------------------------------------------------|--------------------|---------------------------------------------------------------|------------------|
| Insulation coordination according to             | EN 61810-1:2008    | Rated voltage                                                 | 400 V            |
| Pollution severity                               | 3                  | Surge voltage category                                        | III              |
| Insulating material group                        | IIIa               | Clearance and creepage distances for control side - load side | ≥ 6,3 mm         |
| Dielectric strength for control side - load side | 4 kVeff / 1 Min.   | Dielectric strength of neighbouring contacts                  | 4 kVeff / 1 Min. |
| Dielectric strength of open contact              | 2.5 kVeff / 1 Min. | Protection degree                                             | IP20             |

## Further details of approvals / standards

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

## Connection data

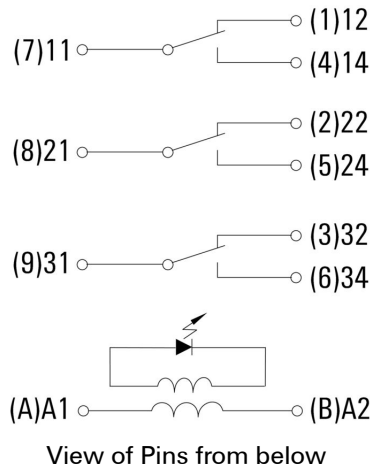
|                        |                                             |
|------------------------|---------------------------------------------|
| Wire connection method | Flat blade connections<br>(4.8 mm x 0.5 mm) |
|------------------------|---------------------------------------------|

## Classifications

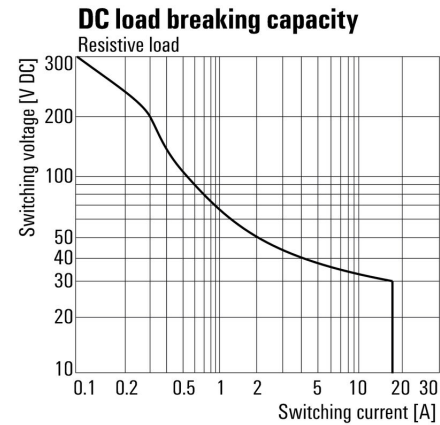
|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001437    | ETIM 9.0    | EC001437    |
| ETIM 10.0   | EC001437    | ECLASS 14.0 | 27-37-16-01 |
| ECLASS 15.0 | 27-37-16-01 |             |             |

## Drawings

### Wiring diagram

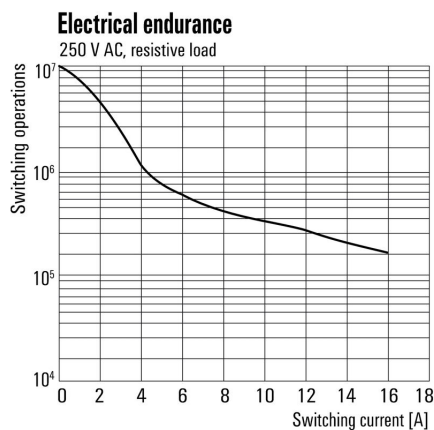


### Graph



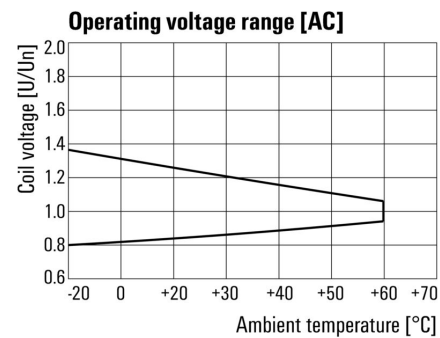
DC load limit curve Resistive load

### Graph



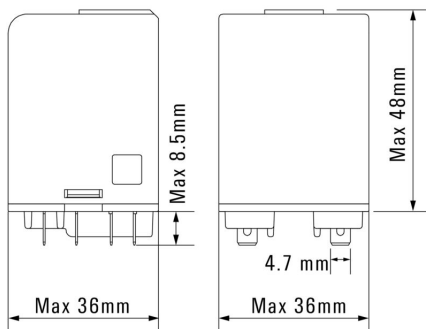
Electrical service life Resistive load

### Graph



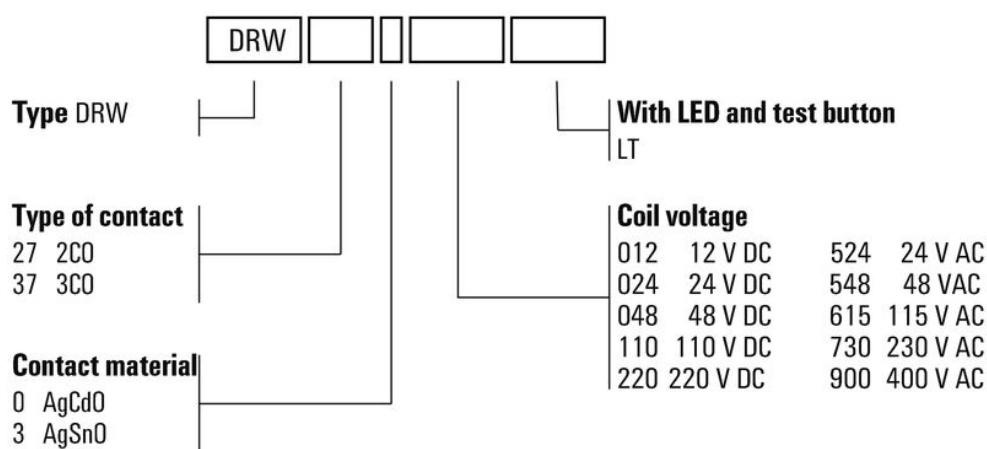
AC operational voltage range

### Dimensional drawing



## Drawings

### Miscellaneous



Type codes