

## DRW273110LT

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## Product image



Similar to illustration

Individual relays within the D-SERIES DRW

- 2 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: 2, CO contact AgSnO, Rated control voltage: 110 V DC, Continuous current: 16 A, Flat blade connections (4.8 mm x 0.5 mm), Test button available: Yes |
| Order No.  | <a href="#">2765620000</a>                                                                                                                                                                          |
| Type       | DRW273110LT                                                                                                                                                                                         |
| GTIN (EAN) | 4064675076575                                                                                                                                                                                       |
| 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 | 80 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 | 110 V DC  | Rated current DC | 13 mA         |
| Power rating          | 1.7 W     | Coil resistance  | 8400 Ω ± 10 % |
| Status indicator      | Green 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                            | 2 CO contact (AgSnO) | Mechanical service life                 | 20 x 106 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**

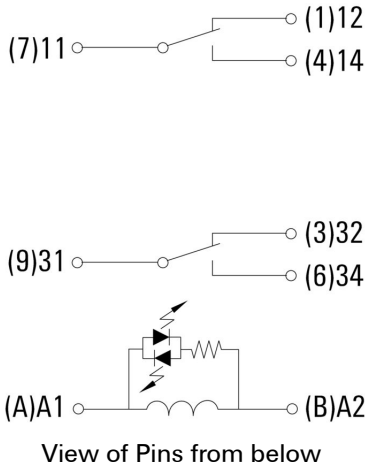
|                        |                                          |
|------------------------|------------------------------------------|
| Wire connection method | Flat blade connections (4.8 mm x 0.5 mm) |
|------------------------|------------------------------------------|

**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



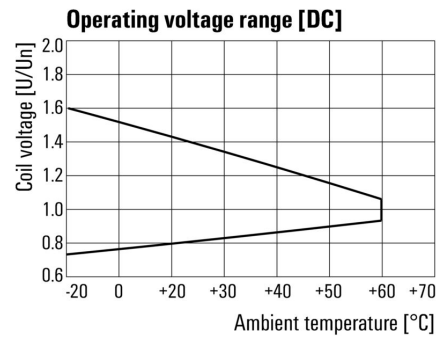
DC load limit curve Resistive load

Graph



Electrical service life Resistive load

Graph



DC operational voltage range

Dimensional drawing



