

Timer relay - ETD-BL-1T-ON- 30MIN-SP - 2917557

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Timer relay with switch-on delay (voltage-controlled) and an adjustable time range (0.3 min - 30 min), with spring-cage connection

The figure shows the ETD-BL-1T-ON- 10S 2917379 version

Product Description

Compact timer relay in 6.2 mm housing for controlling time sequences.

The time is set on the front of the device using a labeled thumbwheel, which is recessed to protect against accidental modification. A screwdriver is used to change the settings (blade width 2.5 mm).

The compact timer relays are available with different time ranges as well as with a screw, spring-cage, and push-in connection.

Your advantages

- 6.2 mm narrow design width
- High level of setting accuracy thanks to labeled and illuminated thumb wheel



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 40.000 g |
| Custom tariff number | 85364900 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------|--------|
| Width | 6.2 mm |
| Height | 80 mm |
| Depth | 86 mm |

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -20 °C ... 65 °C |
|---------------------------------|------------------|

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Ambient conditions

| | |
|---|--|
| Ambient temperature (storage/transport) | -25 °C ... 80 °C |
| Permissible humidity (operation) | 15 % ... 85 % |
| Noise immunity | EN 61000-6-2 |
| | When being exposed to interference, there may be minimal deviations. |

Coil side

| | |
|---------------------|--------------------------------|
| Input voltage range | 24 V DC (19.2 V DC ...30 V DC) |
| Function | ON: With switch-on delay |
| Setting range time | 0.3 min. ... 30 min. |

Contact side

| | |
|--------------|-------------------|
| Contact type | 1 floating PDT |
| Output fuse | 6.3 A (fast-blow) |

General

| | |
|----------------------------------|--|
| Status display | Green LED (POWER) |
| | Yellow LED (relay active) |
| Mechanical service life | approx. 2x 10 ⁷ cycles |
| Mounting position | any |
| Assembly instructions | on standard DIN rail NS 35 in accordance with EN 60715 |
| Color | green |
| Housing insulation material | Polyamide PA, self-extinguishing |
| Permissible humidity (operation) | 15 % ... 85 % |

Control contact

| | |
|----------------------|------------|
| Control pulse length | min. 50 ms |
|----------------------|------------|

Standards and Regulations

| | |
|-------------------------------|--|
| Electromagnetic compatibility | Conformance with EMC Directive 2004/108/EC |
| Noise emission | EN 61000-6-4 |
| Noise immunity | EN 61000-6-2 |
| Standards/regulations | EN 50178 |
| Rated insulation voltage | 300 V AC |
| Rated surge voltage | 6 kV |
| Insulation | Safe isolation |
| Pollution degree | 2 |
| Overvoltage category | III |
| Low Voltage Directive | Conformance with LV directive 2006/95/EC |

Environmental Product Compliance

| | |
|------------|--|
| China RoHS | Environmentally Friendly Use Period = 50 years |
|------------|--|

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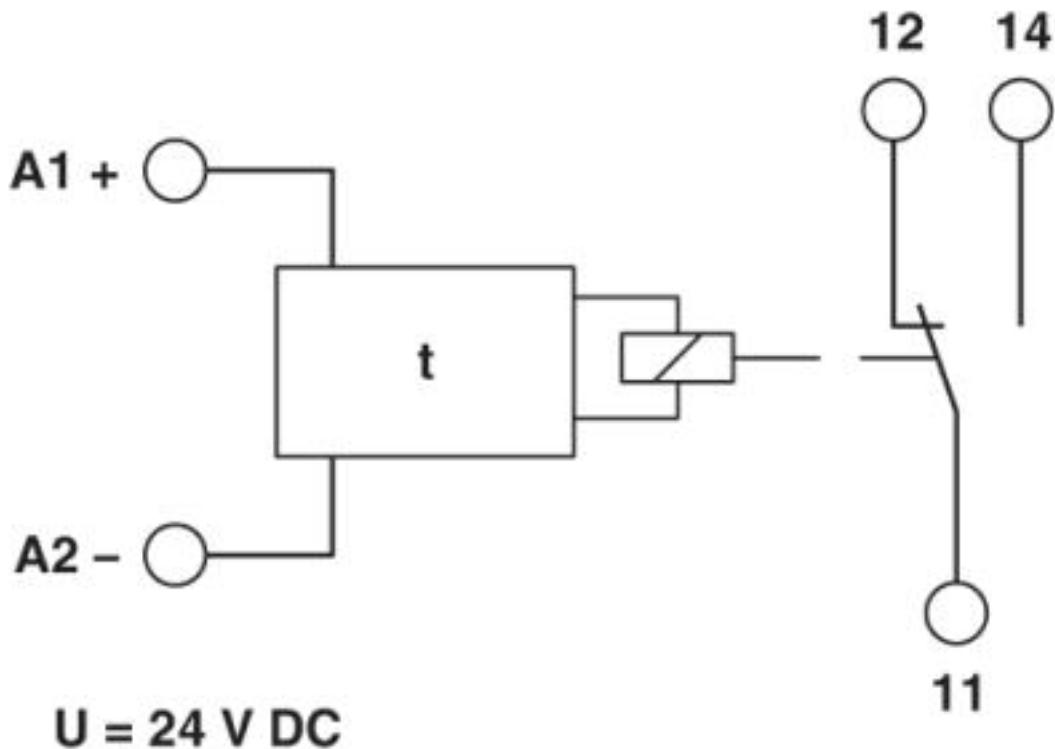
Technical data

Environmental Product Compliance

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Block diagram



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27371103 |
| eCl@ss 4.1 | 27371103 |
| eCl@ss 5.0 | 27371701 |
| eCl@ss 5.1 | 27371701 |
| eCl@ss 6.0 | 27371790 |
| eCl@ss 7.0 | 27371790 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001439 |
| ETIM 3.0 | EC001439 |
| ETIM 4.0 | EC001439 |
| ETIM 5.0 | EC001439 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211920 |
| UNSPSC 7.0901 | 39121519 |
| UNSPSC 11 | 39121519 |
| UNSPSC 12.01 | 39121519 |
| UNSPSC 13.2 | 39121519 |