

Timer relay - ETD-BL-1T-OFF-CC- 10S - 2917450

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Timer relay with off delay (with control contact) and an adjustable time range (0.1 s - 10 s), with screw connection

The figure shows the ETD-BL-1T-OFF-CC- 10S 2917450 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.

Why buy this product

- 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 |
| GTIN | 4 046356 367752 |
| Weight per Piece (excluding packing) | 50.9 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 |
| Ambient temperature (storage/transport) | -25 °C ... 80 °C |

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Ambient conditions

| | |
|----------------------------------|----------------------------------------------------------------------|
| 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 | OFF-CC: Off delay with control contact |
| Time setting range | 0.1 s ... 10 s |

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. 2×10^7 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 % |
| Rated insulation voltage | 300 V AC (According to EN 50178) |
| Conformance | CE-compliant |
| ATEX | # II 3 G Ex nA nC IIC T4 Gc X |
| UL, USA / Canada | UL/C-UL listed UL 508 |
| GL | GL EMC 1 C |

Connection data

| | |
|---------------------------------------|----------------------|
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section AWG min. | 30 |
| Conductor cross section AWG max. | 12 |
| Stripping length | 8 mm |
| Connection method | Screw connection |

Control contact

| | |
|----------------------|-------------------------------|
| Connection name | Non-floating, terminals A1-B1 |
| Control pulse length | min. 50 ms |

Standards and Regulations

| | |
|-------------------------------|--------------------------------------------|
| Electromagnetic compatibility | Conformance with EMC Directive 2004/108/EC |
|-------------------------------|--------------------------------------------|

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Standards and Regulations

| | |
|----------------------------------------|------------------------------------------|
| Noise emission | EN 61000-6-4 |
| Noise immunity | EN 61000-6-2 |
| Flammability rating according to UL 94 | V0 |
| Low Voltage Directive | Conformance with LV directive 2006/95/EC |
| Conformance | CE-compliant |
| ATEX | # II 3 G Ex nA nC IIC T4 Gc X |
| UL, USA / Canada | UL/C-UL listed UL 508 |
| GL | GL EMC 1 C |

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 |
| eCl@ss 8.0 | 27371605 |
| eCl@ss 9.0 | 27371605 |

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 |

Approvals

Approvals

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UL Listed / cUL Listed / GL / GL-SW / EAC / EAC / GL / cULus Listed

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Approvals

Ex Approvals

ATEX

Approvals submitted

Approval details

UL Listed

cUL Listed

GL

GL-SW

EAC

EAC

GL

cULus Listed

Drawings

Block diagram



