

Timer relay - ETD-BL-1T-ON-300S-PT - 2901477

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Timer relay with switch-on delay (voltage-controlled) and an adjustable time range (3 s - 300 s), with push-in connection

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



Key commercial data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 60.0 GRM |
| 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 |
| Permissible humidity (operation) | 15 % ... 85 % |
| Noise immunity | EN 61000-6-2 |

Coil side

| | |
|---------------------|--------------------------------|
| Input voltage range | 24 V DC (19,2 V DC ...30 V DC) |
| Function | ON: With switch-on delay |
| Time setting range | 3 s ... 300 s |

Contact side

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Technical data

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 nAC II T4 X |
| UL, USA / Canada | UL/C-UL listed UL 508 |

Connection data

| | |
|--|----------------------|
| Conductor cross section stranded min. | 0.14 mm ² |
| Conductor cross section stranded 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/kcmil min. | 26 |
| Conductor cross section AWG/kcmil max. | 14 |
| Stripping length | 8 mm |
| Connection method | Push-in connection |

Control contact

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

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

eCl@ss

| | |
|------------|----------|
| eCl@ss 8.0 | 27371605 |
|------------|----------|

ETIM

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

UNSPSC

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

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

ATEX

Approvals submitted

Approval details

| |
|-----------|
| UL Listed |
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| cUL Listed |
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Approvals



Drawings

Block diagram

