

Timer relay - ETD-BL-1T-ON-CC-300S-SP - 2917586

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Timer relay with switch-on delay (with control contact) and an adjustable time range (3 s - 300 s), with spring-cage connection

The figure shows the ETD-BL-1T-ON-CC- 10S 2917418 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.

Product Features

- ✓ 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) | 45.8 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 |
|---------------------------------|------------------|

Timer relay - ETD-BL-1T-ON-CC-300S-SP - 2917586

Technical data

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-CC: With switch-on delay with control contact |
| Time setting range | 0.3 s ... 300 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 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 | 12 |
| Stripping length | 8 mm |
| Connection method | Spring-cage connection |

Control contact

Timer relay - ETD-BL-1T-ON-CC-300S-SP - 2917586

Technical data

Control contact

| | |
|----------------------|-------------------------------|
| Connection name | Non-floating, terminals A1-B1 |
| 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 |
| eCl@ss 8.0 | 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

Approvals

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

Ex Approvals

ATEX

Timer relay - ETD-BL-1T-ON-CC-300S-SP - 2917586

Approvals

Approvals submitted

Approval details

- UL Listed
- cUL Listed
- GL
- GL-SW
- GL
- cULus Listed

Drawings

Block diagram

