imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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connection

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

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.

Product Features

6.2 mm narrow design width

If the setting accuracy thanks to labeled and illuminated thumb wheel



Key commercial data

| Packing unit | 1 pc |
|--------------------------------------|----------|
| Weight per Piece (excluding packing) | 40.0 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 |
|---------------------------------|--------------|



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 DC30 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 x 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



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



Approvals

Approvals submitted

Approval details

UL Listed 🖲

cUL Listed

GL

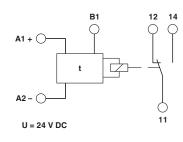
GL-SW

GL

cULus Listed

Drawings





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