# 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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832 Email & Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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 <sup>7</sup> 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 <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
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

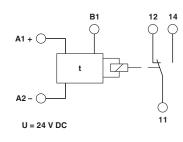
GL-SW

GL

cULus Listed

#### Drawings





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