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

PHŒNIX CONTACT

Timer relay - ETD-BL-1T-OFF-CC- 10S-SP - 2917612

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

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)	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

Timer relay - ETD-BL-1T-OFF-CC- 10S-SP - 2917612

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	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 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	2.5 mm²
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-OFF-CC- 10S-SP - 2917612

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

PHŒNIX CONTACT

Timer relay - ETD-BL-1T-OFF-CC- 10S-SP - 2917612

Approvals

Approvals submitted

Approval details

UL Listed

cUL Listed

GL

GL-SW

GL

cULus Listed

Drawings

Block diagram

A1 +

A2 −

B1   12   14

t

11

U = 24 V DC