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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PHŒNIX CONTACT

Timer relay - ETD-BL-1T-ON- 10S-PT - 2901476

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Timer relay with switch-on delay (voltage-controlled) and an adjustable time range (0.1 s - 10 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 g
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	0.1 s ... 10 s

Contact side

PHŒNIX CONTACT

Timer relay - ETD-BL-1T-ON- 10S-PT - 2901476

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

Connection data

Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
Stripping length	8 mm
Connection method	Push-in connection

Control contact

Control pulse length	min. 50 ms

Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise emission	EN 61000-6-4
Noise immunity	EN 61000-6-2
Flammability rating according to UL 94	V0
Low Voltage Directive	Conformance with LV directive 2006/95/EC
Conformance	CE-compliant
ATEX	# II 3 G Ex nAC II T4 X
UL, USA / Canada	UL/C-UL listed UL 508

Timer relay - ETD-BL-1T-ON- 10S-PT - 2901476

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
eCl@ss 9.0	27371605

ETIM

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 / EAC / EAC / cULus Listed / GL

Ex Approvals
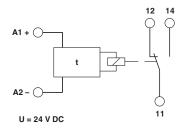
ATEX

Approvals submitted

Approval details

Timer relay - ETD-BL-1T-ON- 10S-PT - 2901476

Approvals

UL Listed

cUL Listed

GL

GL-SW

EAC

EAC

cULus Listed

GL

Drawings

Block diagram

A1 +

t

A2 –

U = 24 V DC

12   14

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