

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 (3 min - 300 min), with screw 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**

High level of setting accuracy thanks to labeled and illuminated thumb wheel





# Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	60.0 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	3 min 300 min

# 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 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.	30
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm
Connection method	Screw 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

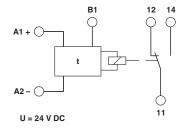


# Approvals Approval submitted Approval details UL Listed CUL Listed GL GL-SW GL

# **Drawings**

cULus Listed • 🕕 😘

# Block diagram



Phoenix Contact 2014 © - all rights reserved http://www.phoenixcontact.com