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Timer relay with switch-on delay (with control contact) and an adjustable time range (3 min - 300 min), with spring-cage connection

The figure shows the ETD-BL-1T-ON-CC- 10S 2917418 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
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



# Technical data

# Ambient conditions

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	ON-CC: With switch-on 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 mm <sup>2</sup>
Conductor cross section solid min.	0.14 mm²
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

Connection name	Non-floating, terminals A1-B1



# Technical data

# Control contact

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

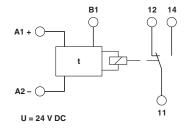


# Approvals Submitted Approval details UL Listed CUL Listed CUL Custed CUL

# **Drawings**

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# Block diagram



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