

# Timer relay - ETD-BL-1T-ON-CC- 30MIN-SP - 2917599

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Timer relay with switch-on delay (with control contact) and an adjustable time range (0.3 min - 30 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.

## Your advantages

- ✓ 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
GTIN	 4 046356 367523
GTIN	4046356367523

## 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

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## Technical data

### Ambient conditions

	When being exposed to interference, there may be minimal deviations.
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### Coil side

Input voltage range	24 V DC (19.2 V DC ...30 V DC)
Function	ON-CC: With switch-on delay with control contact
Time setting range	0.3 min. ... 30 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. 2x 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 (acc. 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 flexible min.	0.14 mm <sup>2</sup>
Conductor cross section flexible 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 min.	26
Conductor cross section AWG max.	12
Stripping length	8 mm
Connection method	Spring-cage connection

### Control contact

Connection name	Non-floating, terminals A1-B1
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

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## Technical data

### Standards and Regulations

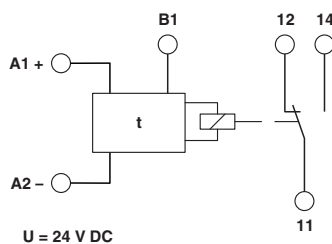
Low Voltage Directive	Conformance with LV directive 2006/95/EC
Flammability rating according to UL 94	V0
Conformance	CE-compliant
ATEX	# II 3 G Ex nA nC IIC T4 Gc X
UL, USA/Canada	UL/C-UL listed UL 508
GL	GL EMC 1 C

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Block diagram



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