

## Timer relay - ETD-BL-1T-ON- 30MIN-SP - 2917557

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Timer relay with switch-on delay (voltage-controlled) and an adjustable time range (0.3 min - 30 min), with spring-cage connection

The figure shows the ETD-BL-1T-ON- 10S 2917379 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
Weight per Piece (excluding packing)	40.000 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
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## 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	ON: With switch-on delay
Setting range time	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. $2 \times 10^7$ 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 %

### Control contact

Control pulse length	min. 50 ms
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### Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise emission	EN 61000-6-4
Noise immunity	EN 61000-6-2
Standards/regulations	EN 50178
Rated insulation voltage	300 V AC
Rated surge voltage	6 kV
Insulation	Safe isolation
Pollution degree	2
Overvoltage category	III
Low Voltage Directive	Conformance with LV directive 2006/95/EC

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
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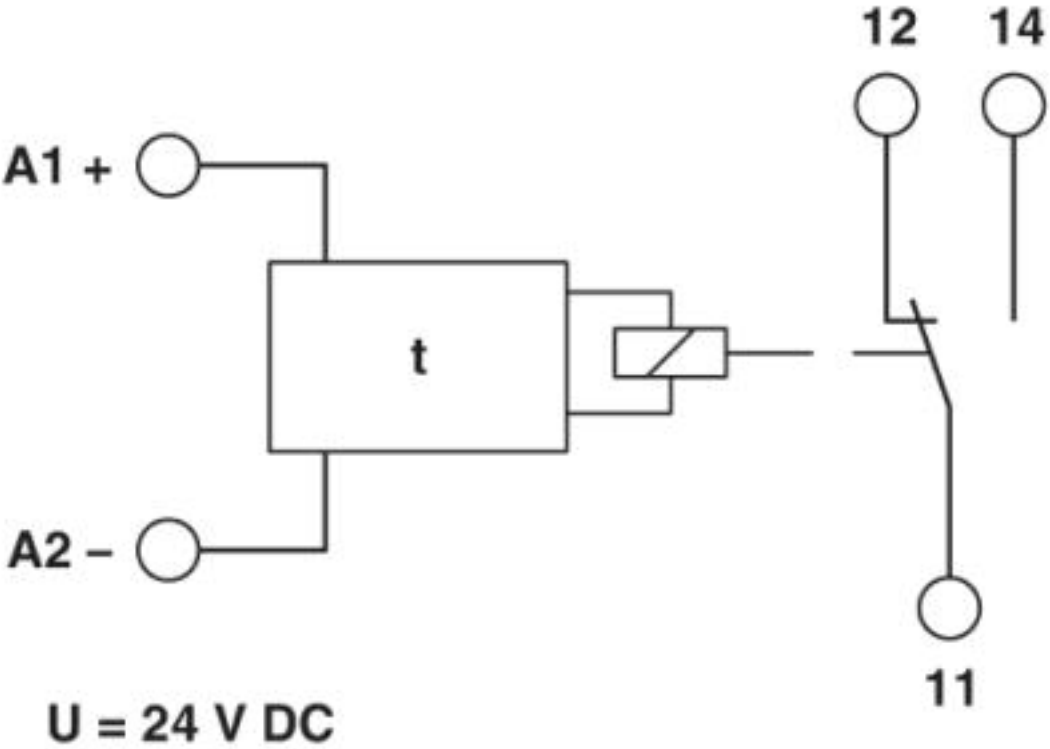
Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Drawings

Block diagram



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

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### Classifications

#### 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