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# Timer relay - ETD-BL-1T-ON-CC- 30MIN-PT - 2901483

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Timer relay with switch-on delay (with control contact) and an adjustable time range (0.3 min - 30 min), with push-in connection

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

## Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 599733

## 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-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. 2 x 10 <sup>7</sup> cycles

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## Technical data

### General

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 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.	14
Stripping length	8 mm
Connection method	Push-in 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
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

## 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

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## Classifications

### eCl@ss

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

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#### Approvals

UL Listed / cUL Listed / GL / GL-SW / EAC / cULus Listed / GL

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#### Ex Approvals

#### ATEX

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#### Approvals submitted

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### Approval details

UL Listed
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cUL Listed
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GL
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## Approvals

GL-SW

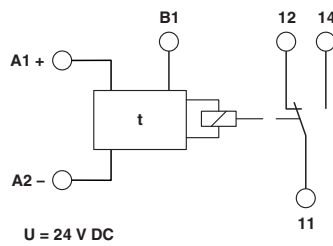
EAC

cULus Listed 

GL

## Drawings

Block diagram



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