

Timer relay - ETD-BL-1T-ON-300S-PT - 2901477

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Timer relay with switch-on delay (voltage-controlled) and an adjustable time range (3 s - 300 s), with push-in connection

The figure shows the ETD-BL-1T-ON- 10S 2917379 version



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
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: With switch-on delay
Time setting range	3 s ... 300 s

Contact side

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Technical data

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. 2×10^7 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 %
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 stranded min.	0.14 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm
Connection method	Push-in connection

Control contact

Control pulse length	min. 50 ms
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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

eCl@ss

eCl@ss 8.0	27371605
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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

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

ATEX

Approvals submitted

Approval details

UL Listed 

cUL Listed 
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Approvals

cULus Listed



Drawings

Block diagram

