

# Timer relay - ETD-BL-1T-ON-CC-300MIN-PT - 2901484


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



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 599740
GTIN	4046356599740

## 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	3 min. ... 300 min.

### Contact side

Contact type	1 floating PDT
Output fuse	6.3 A (fast-blow)

### General

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## Technical data

### 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 %
Rated insulation voltage	300 V AC (acc. 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
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 nAC II T4 X
UL, USA/Canada	UL/C-UL listed UL 508

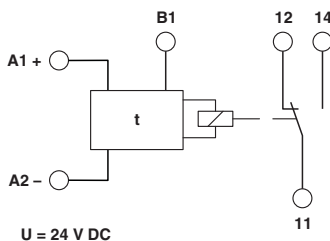
### Environmental Product Compliance

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

## Drawings

# Timer relay - ETD-BL-1T-ON-CC-300MIN-PT - 2901484

Block diagram



## Approvals

### Approvals

#### Approvals

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

#### Ex Approvals

ATEX

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 172140
cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 172140
GL		<a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>	75808-09 HH
GL-SW			75808-09 HH
EAC			RU C- DE.**08.B-00957
cULus Listed			

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### Approvals

GL	<a href="http://www.gl-group.com/newbuilding/approvals/index.html">http://www.gl-group.com/newbuilding/approvals/index.html</a>
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