

Timer relay - ETD-BL-1T-ON-300MIN - 2917405

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

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.

Why buy this product

- 6.2 mm narrow design width
- High level of setting accuracy thanks to labeled and illuminated thumb wheel



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356365765

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

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Technical data

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 min. ... 300 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. 2×10^7 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 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 ²
Conductor cross section flexible 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 min.	30
Conductor cross section AWG max.	12
Stripping length	8 mm
Connection method	Screw connection

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
Low Voltage Directive	Conformance with LV directive 2006/95/EC
Flammability rating according to UL 94	V0
Conformance	CE-compliant

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Standards and Regulations

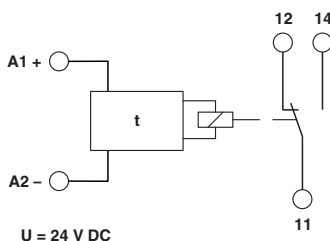
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Block diagram



Approvals

Approvals

Approvals

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

Ex Approvals

ATEX


Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 172140
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 172140
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Approvals

GL		http://exchange.dnv.com/tari/	75808-09 HH
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GL-SW			75808-09 HH
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EAC			RU C- DE.**08.B-00957
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GL	 	http://www.gl-group.com/newbuilding/approvals/index.html	
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cULus Listed			
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