

Timer relay - ETD-BL-1T-F- 10S - 2917492

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Timer relay with flasher function (beginning with pulse) and an adjustable time range (0.1 s - 10 s), with screw connection

The figure shows the ETD-BL-1T-F-10S 2917492 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.

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	 4 046356 367790
GTIN	4046356367790
Weight per Piece (excluding packing)	80.000 g
Custom tariff number	85364900
Country of origin	Germany

Technical data

Dimensions

Width	6.2 mm
Height	80 mm

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Technical data

Dimensions

Depth	86 mm
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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.

Coil side

Input voltage range	24 V DC (19,2 V DC ...30 V DC)
Function	F: Flashing beginning with pulse
Time setting range	0.1 s ... 10 s

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 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

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Technical data

Connection data

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
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 nA nC IIC T4 Gc X
UL, USA/Canada	UL/C-UL listed UL 508
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Environmental Product Compliance

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

Approvals

Approvals


Approvals

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

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 172140
GL		http://exchange.dnv.com/tari/	75808-09 HH
GL-SW			75808-09 HH
EAC			EAC-Zulassung
EAC			RU C- DE.A*30.B.01082
GL		http://www.gl-group.com/newbuilding/approvals/index.html	
cULus Listed			