

Timer relay - ETD-BL-1T-ON- 10S-PT - 2901476

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Timer relay with switch-on delay (voltage-controlled) and an adjustable time range (0.1 s - 10 s), with push-in connection

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 599580
GTIN	4046356599580
Weight per Piece (excluding packing)	50.900 g
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	0.1 s ... 10 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 (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 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.	26
Conductor cross section AWG max.	14
Stripping length	8 mm
Connection method	Push-in 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
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
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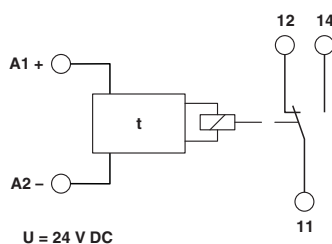
Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Drawings

Block diagram



Classifications

eCl@ss

eCl@ss 5.0	27371701
eCl@ss 5.1	27371700
eCl@ss 6.0	27371700
eCl@ss 7.0	27371790
eCl@ss 8.0	27371605
eCl@ss 9.0	27371605

ETIM

ETIM 2.0	EC001439
ETIM 3.0	EC001439
ETIM 4.0	EC001439
ETIM 5.0	EC001439
ETIM 6.0	EC001439

UNSPSC

UNSPSC 6.01	30211920
UNSPSC 7.0901	39121519
UNSPSC 11	39121519
UNSPSC 12.01	39121519
UNSPSC 13.2	39122329

Approvals

Approvals

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Approvals

Approvals

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

Ex Approvals

ATEX

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 172140
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			RU C- DE.**08.B-00957
cULus Listed			
GL		http://www.gl-group.com/newbuilding/approvals/index.html	