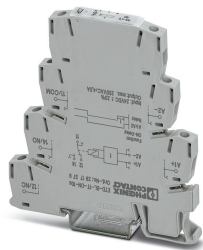


Timer relay - ETD-BL-1T-ON- 10S - 2917379

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

Your advantages

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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 365734
GTIN	4046356365734
Weight per Piece (excluding packing)	70.000 g
Custom tariff number	85364190
Country of origin	Germany

Technical data

Dimensions

Width	6.2 mm
Height	80 mm
Depth	86 mm

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Technical data

Ambient conditions

Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C
Permissible humidity (operation)	15 % ... 85 %
Degree of protection	IP20
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	ON: With switch-on delay
Setting range time	0.1 s ... 10 s

Contact side

Contact type	1 floating changeover contact
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	gray
Housing insulation material	Polyamide PA, self-extinguishing
Permissible humidity (operation)	15 % ... 85 %

Connection data

Connection method	Screw connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ²
Conductor cross section AWG	30 ... 12
Torque	0.6 Nm ... 0.8 Nm
	5 lb _f -in. ... 7 lb _f -in.

Control contact

Control pulse length	min. 50 ms
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Standards and Regulations

Low Voltage Directive	Conformance with Low Voltage Directive
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Technical data

Standards and Regulations

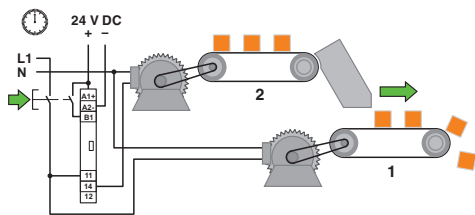
Electromagnetic compatibility	Conformance with EMC directive
Noise emission	EN 61000-6-4
Noise immunity	EN 61000-6-2
Standards/regulations	EN 50178
Rated insulation voltage	300 V AC
Rated surge voltage	6 kV
Insulation	Basic insulation
Pollution degree	2
Overvoltage category	III

Environmental Product Compliance

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

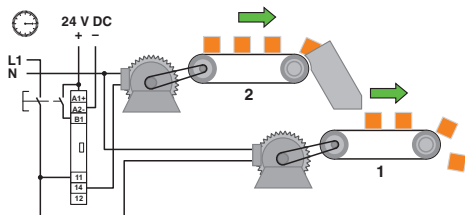
Drawings

Application drawing



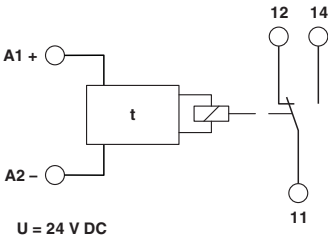
Conveyor belt 1 starts immediately

Application drawing



Conveyor belt 2 stars with a time delay

Block diagram



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Classifications

eCl@ss

eCl@ss 10.0.1	27371605
eCl@ss 11.0	27371605
eCl@ss 4.0	27371100
eCl@ss 4.1	27371100
eCl@ss 5.0	27371700
eCl@ss 5.1	27371700
eCl@ss 6.0	27371700
eCl@ss 7.0	27371790
eCl@ss 9.0	27371605

ETIM

ETIM 2.0	EC001439
ETIM 3.0	EC001439
ETIM 4.0	EC001439
ETIM 6.0	EC001439
ETIM 7.0	EC001439

UNSPSC

UNSPSC 6.01	30211920
UNSPSC 7.0901	39121519
UNSPSC 11	39121519
UNSPSC 12.01	39121519
UNSPSC 13.2	39122329
UNSPSC 18.0	39122329
UNSPSC 19.0	39122329
UNSPSC 20.0	39122329
UNSPSC 21.0	39122329

Approvals

Approvals

Approvals

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

Ex Approvals

ATEX / ATEX

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Approvals

Approval details

GL		https://approvalfinder.dnvgl.com/	75808-09 HH
GL-SW			75808-09 HH
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
EAC			RU C- DE. **08.B-00957
GL			
cULus Listed			