

Timer relay - ETD-BL-1T-ON-CC-300S - 2917421

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Timer relay with switch-on delay (with control contact) and an adjustable time range (3 s - 300 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.

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	4046356367738

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.

Timer relay - ETD-BL-1T-ON-CC-300S - 2917421

Technical data

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 s ... 300 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 (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

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

Timer relay - ETD-BL-1T-ON-CC-300S - 2917421

Technical data

Standards and Regulations

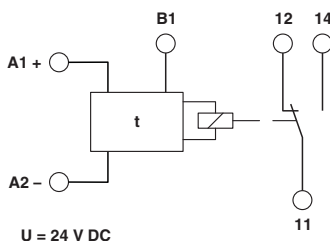
Conformance	CE-compliant
ATEX	# II 3 G Ex nA nC IIC T4 Gc X
UL, USA/Canada	UL/C-UL listed UL 508
GL	GL EMC 1 C

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/XYVV/template/LISEXT/1FRAME/index.htm	FILE E 172140
-----------	--	---	---------------

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

Timer relay - ETD-BL-1T-ON-CC-300S - 2917421

Approvals

GL		http://exchange.dnv.com/tari/	75808-09 HH
----	---	---	-------------

GL-SW			75808-09 HH
-------	--	--	-------------

EAC			RU C- DE.**08.B-00957
-----	---	--	--------------------------

GL	 	http://www.gl-group.com/newbuilding/approvals/index.html	
----	---	---	--

cULus Listed			
--------------	--	--	--

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>