

Timer relay - ETD-BL-1T-F-300MIN-PT - 2901492

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 flasher function (beginning with pulse) and an adjustable time range (0.1 s - 10 s), with push-in connection

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



Key commercial data

Packing unit	1 pc
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	F: Flashing beginning with pulse
Time setting range	3 min ... 300 min

Contact side

Contact type	1 floating PDT
--------------	----------------

Timer relay - ETD-BL-1T-F-300MIN-PT - 2901492

Technical data

Contact side

Interrupting rating (ohmic load) max.	1125 VA (4.5 A/250 V AC, module mounted in rows, spacing $\leq$ 5 mm)
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 nAC II T4 X
UL, USA / Canada	UL/C-UL listed UL 508

Connection data

Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded 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/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Stripping length	8 mm
Connection method	Push-in connection

Control contact

Control pulse length	min. 50 ms
----------------------	------------

Classifications

eCl@ss

eCl@ss 4.0	27371103
eCl@ss 4.1	27371103
eCl@ss 5.0	27371701
eCl@ss 5.1	27371701
eCl@ss 6.0	27371790
eCl@ss 7.0	27371790

Timer relay - ETD-BL-1T-F-300MIN-PT - 2901492

Classifications

eCl@ss

eCl@ss 8.0	27371605
------------	----------

ETIM

ETIM 3.0	EC001439
ETIM 4.0	EC001439
ETIM 5.0	EC001439

UNSPSC

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

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

ATEX

Approvals submitted

Approval details

UL Listed 

cUL Listed 
--

Timer relay - ETD-BL-1T-F-300MIN-PT - 2901492

Approvals

cULus Listed



Drawings

Block diagram

