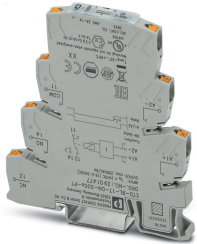


Timer relay - ETD-BL-1T-ON-300S-PT - 2901477


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Timer relay with switch-on delay (voltage-controlled) and an adjustable time range (3 s - 300 s), with push-in connection



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 599573 |
| GTIN | 4046356599573 |
| Weight per Piece (excluding packing) | 60.000 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 % |
| Degree of protection | IP20 |
| Noise immunity | EN 61000-6-2 |

Coil side

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Technical data

Coil side

| | |
|---------------------|--------------------------------|
| Input voltage range | 24 V DC (19.2 V DC ...30 V DC) |
| Function | ON: With switch-on delay |
| Setting range time | 3 s ... 300 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 | Push-in 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 | 26 ... 14 |

Control contact

| | |
|----------------------|------------|
| 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 |
| Standards/regulations | EN 50178 |
| Rated insulation voltage | 300 V AC |
| Rated surge voltage | 6 kV |
| Insulation | Basic insulation |
| Pollution degree | 2 |
| Overvoltage category | III |
| Low Voltage Directive | Conformance with LV directive 2006/95/EC |

Environmental Product Compliance

Timer relay - ETD-BL-1T-ON-300S-PT - 2901477

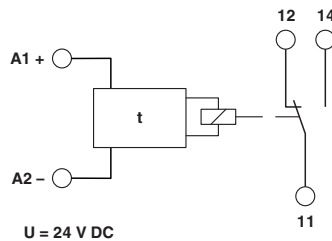
Technical data

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

Block diagram



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 |

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Classifications

UNSPSC

| | |
|--------------|----------|
| 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


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 |
|-----|---|--|--------------------------|

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Approvals

GL



cULus Listed

