

# Timer relay - PLC-TR-1T-MUL-300M-PT - 2910141

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Ultra-narrow multi-function time relay with 4 functions, adjustable time range (0.1 s - 300 min), 1 PDT, push-in connection



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626430607
Weight per Piece (excluding packing)	50.900 g
Sales Key	CK4521

## 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
Maximum altitude	≤ 2000 m
Permissible humidity (operation)	15 % ... 85 %
Degree of protection	IP20
	IP20
Noise immunity	EN 61000-6-2

### Coil side

Input voltage range	24 V DC (19.2 V DC ... 30 V DC)
Function	E: With switch-on delay

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## Technical data

### Coil side

	Es: With switch-on delay and control contact
	Rs: With release delay and control contact
	Bi: Flashing beginning with pulse
Time setting range	0.1 s ... 300 min. (4 time end ranges)
Recovery time	50 ms

### Contact side

Contact type	1 floating PDT
Maximum switching voltage	250 V AC
Interrupting rating (ohmic load) max.	1500 VA (6 A / 250 V AC)
Output fuse	6.3 A (fast-blow)

### General

Status display	Green LED (POWER)
	Yellow LED (relay active)
Mechanical service life	2 x 10 <sup>7</sup> cycles
Nominal power consumption	0.45 W (at 24 V DC)
Mounting position	any
Assembly instructions	on standard DIN rail NS 35 in accordance with EN 60715
Standards/regulations	IEC 61812-1
	IEC 60947-5-1
Color	traffic grey A RAL 7042
Housing insulation material	Polyamide PA, self-extinguishing
Permissible humidity (operation)	15 % ... 85 %
Rated insulation voltage	300 V AC
Conformance	CE-compliant
UL, USA/Canada	UL/C-UL listed UL 508

### Connection data

Connection method	Push-in connection
Stripping length	8 mm
Conductor cross section solid	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section AWG	26 ... 14

### Control contact

Connection name	Non-floating, terminals A1-B1
Control pulse length	≥ 50 ms

### Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Noise emission	EN 61000-6-3
Noise immunity	EN 61000-6-2

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### Standards and Regulations

Standards/regulations	IEC 61812-1
	IEC 60947-5-1
Low Voltage Directive	Conformance with Low Voltage Directive 2014/35/EU
Flammability rating according to UL 94	V0
Conformance	CE-compliant
UL, USA/Canada	UL/C-UL listed UL 508

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Classifications

### eCl@ss

eCl@ss 8.0	27371605
eCl@ss 9.0	27371605

### ETIM

ETIM 5.0	EC001439
ETIM 6.0	EC001439

## Approvals

### Approvals

#### Approvals

UL Listed / cUL Listed / cULus Listed

#### Ex Approvals

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 172140
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cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 172140
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### Approvals

cULus Listed



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