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PHŒNIX CONTACT

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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

Commercial data

Item number	2917379
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	C442
Product key	CK4511
Catalog page	Page 260 (C-5-2019)
GTIN	4046356365734
Weight per piece (including packing)	70 g
Weight per piece (excluding packing)	36.27 g
Customs tariff number	85364190
Country of origin	DE

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Technical data

Product properties		
Operating mode	100% operating factor	
Mechanical service life	approx. 2x 10 ⁷ cycles	
Insulation characteristics		
Insulation	Basic insulation	
Insulation characteristics		
Insulation	Basic insulation	
Overvoltage category	Ш	
Pollution degree	2	
Electrical properties		
Service life electrical	approx. 2x 10 ⁵ cycles at ohmic load, 1000 VA	
Rated insulation voltage	300 V AC	
Rated surge voltage	6 kV	
Input data		
Input voltage range	24 V DC (19.2 V DC30 V DC)	
Nominal current typ.	15 mA (Relay ON)	
	7 mA (Relay OFF)	
Function	ON: With switch-on delay	
Setting range time	0.1 s 10 s	
Setting accuracy	≤ 2.5 % (of scale end value)	
Repeat accuracy	\leq 0.5 % (From the measuring range final value)	
Control		
Control pulse length	min. 50 ms	
Output data		
Switching		
Contact switching type	1 floating changeover contact	
Output fuse	6.3 A (fast-blow)	

Connection data

Connection method	Screw connection
Stripping length	8 mm
Conductor cross section rigid	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
Tightening torque	0.6 Nm 0.8 Nm
	5 lb _f -in 7 lb _f -in.

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Signaling

Status display Green	n LED (POWER)
Yellow	w LED (relay active)

Dimensions

Width	6.2 mm
Height	80 mm
Depth	86 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Housing insulation material	Polyamide PA, self-extinguishing

Environmental and real-life conditions

Ambient conditions		
Degree of protection	IP20	
Ambient temperature (operation)	-20 °C 65 °C	
Ambient temperature (storage/transport)	-25 °C 80 °C	
Permissible humidity (operation)	15 % 85 %	

Approvals

Note

Noise emission

Electromagnetic compatibility

CE	
Certificate	CE-compliant
UKCA	
Certificate	UKCA-compliant
ATEX	
Identification	🐵 II 3 G Ex nA nC IIC T4 Gc X
UL, USA/Canada	
Identification	UL/C-UL Listed UL 508
GL	
Identification	GL EMC 1 C
MC data	
Low Voltage Directive	Conformance with Low Voltage Directive
Noise immunity	EN 61000-6-2

deviations.

EN 61000-6-4

Conformance with EMC directive

When being exposed to interference, there may be minimal

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Standards and regulations

	Standards/regulations	EN 50178	
Mounting			
	Mounting type	DIN rail mounting	
	Assembly instructions	on standard DIN rail NS 35 in accordance with EN 60715	
	Mounting position	any	

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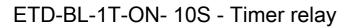
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Classifications

ECLASS

	ECLASS-11.0	27371605	
ETIM			
	ETIM 9.0	EC001439	
UNSPSC			
	UNSPSC 21.0	39122300	



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Environmental product compliance

China RoHS

Environmentally Friendly Use Period = 50 years For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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