

MACX-TR-1T-POFF - Timer relay



1119403

<https://www.phoenixcontact.com/us/products/1119403>

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 documentation. Our general terms of use for downloads are valid.



Power off delay time relay, 24 V AC/DC ... 240 V AC/DC wide-range supply, time range adjustable (10 ms ... 10 min), two configuration possibilities, password protection, 2 PDTs, screw connection.

Commercial data

Item number	1119403
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	C443
Product key	CK4811
GTIN	4063151048297
Weight per piece (including packing)	192.7 g
Weight per piece (excluding packing)	146.6 g
Customs tariff number	85364190
Country of origin	CN

MACX-TR-1T-POFF - Timer relay

1119403

<https://www.phoenixcontact.com/us/products/1119403>



Technical data

Product properties

Product type	Timer relay
Mechanical service life	Approx. 3×10^4 cycles

Data management status

Article revision	03
------------------	----

Insulation characteristics

Insulation	Basic insulation
Overvoltage category	III
Pollution degree	3

Electrical properties

Service life electrical	approx. 1×10^5 cycles, resistive load 2000 V A
Nominal frequency	48 Hz ... 63 Hz
Nominal power consumption	2.5 VA (0.8 W)
Rated insulation voltage	300 V AC
Dielectric strength	2 kV ((2 mA, 60 s) (IEC 60947-5-1))

Input data

Nominal power consumption	2.5 VA (0.8 W)
Input voltage range	24 V AC/DC ... 240 V AC/DC (-15 % ... +10 %)
Temperature coefficient, typical	$\leq 0.01 \text{ }^\circ\text{C}$
Recovery time	250 ms
Setting range time	10 ms ... 10 min.
Setting accuracy	$\leq 0.5 \text{ } \%$ (> 1 s)
Repeat accuracy	$\leq 0.05 \text{ } \%$ (> 1 s)

Output data

Switching

Contact switching type	2 floating changeover contacts
Contact material	AgNi (90/10)
Maximum switching voltage	400 V AC
Interrupting rating (ohmic load) max.	2000 VA (8 A / 250 V AC)
Output fuse	8 A (fast-blow)

Connection data

Connection method	Screw connection
Stripping length	10 mm
Conductor cross section rigid	0.2 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section AWG	24 ... 14

MACX-TR-1T-POFF - Timer relay



1119403

<https://www.phoenixcontact.com/us/products/1119403>

Tightening torque	0.5 Nm ... 0.6 Nm (5 lb in ... 7 lb in)
-------------------	---

Dimensions

Width	22.5 mm
Height	109 mm
Depth	114 mm

Material specifications

Color	gray (RAL 7042)
Flammability rating according to UL 94	V0
Housing insulation material	PBT

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	≤ 2000 m
Permissible humidity (operation)	10 % ... 95 % (non-condensing)

Approvals

CE

Identification	CE-compliant
----------------	--------------

UL, USA/Canada

Identification	UL/C-UL Listed UL 508
----------------	-----------------------

CCC

Identification	GB/T 14048.5
----------------	--------------

EMC data

Low Voltage Directive	Conformance with Low Voltage Directive
Noise immunity	EN 61000-6-2
Electromagnetic compatibility	Conformance with EMC directive
Noise emission	EN 61000-6-4

Standards and regulations

Standards/regulations	IEC 60947-5-1
	IEC 61812-1

Mounting

Mounting type	DIN rail mounting
Assembly note	on standard DIN rail NS 35 in accordance with EN 60715
Mounting position	any

MACX-TR-1T-POFF - Timer relay



1119403

<https://www.phoenixcontact.com/us/products/1119403>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1119403>



UL Listed
Approval ID: FILE E 172140



cUL Listed
Approval ID: FILE E 172140

cULus Listed

MACX-TR-1T-POFF - Timer relay



1119403

<https://www.phoenixcontact.com/us/products/1119403>

Classifications

ECLASS

ECLASS-11.0	27371605
ECLASS-12.0	27371605
ECLASS-13.0	27371605

ETIM

ETIM 9.0	EC001439
----------	----------

UNSPSC

UNSPSC 21.0	39122300
-------------	----------

MACX-TR-1T-POFF - Timer relay



1119403
<https://www.phoenixcontact.com/us/products/1119403>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	f086b1b1-5c93-4743-8823-95b2aedb3a0b

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com