

Timer module - RIF-T3-24UC - 2902647

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Plug-in module for extending a relay module to create a timer relay, 3 time functions, 4 time ranges, for mounting on RIF-1, RIF-2, RIF-3, and RIF-4, input voltage: 24 V DC

RoHS

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85363010
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Input data

Nominal input voltage U_N	24 V DC (AC operation only permitted for RIF-1)
Input voltage range in reference to U_N	0.4 ... 1.2
Mains frequency	50 Hz 60 Hz
Status display	Yellow LED
Protective circuit/component	Varistor
Surge voltage protection	> 56 V

Output data

Limiting continuous current	≤ 250 mA (Relay coil current)
Voltage drop at max. limiting continuous current	< 100 mV

General

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Technical data

General

Setting accuracy	3 % (of scale end value)
Repeat accuracy	1 %
Rated surge voltage	0.4 kV
Rated insulation voltage	50 V DC
Insulation	Basic insulation
Standards/regulations	DIN EN 50178
Overvoltage category	I
Degree of pollution	2
Mounting position	any
Assembly instructions	Can be inserted into relay base

Ambient conditions

Ambient temperature (operation)	-25 °C ... 50 °C (RIF-1, AC coil, 2 PDTs at 6 A)
	-25 °C ... 50 °C (RIF-1, DC coil, 2 PDTs at 5 A)
	-25 °C ... 40 °C (RIF-2, DC coil, 2 PDTs at 8 A)
	-25 °C ... 40 °C (RIF-2, DC coil, 4 PDTs at 5 A)
	-25 °C ... 40 °C (RIF-3, DC coil, 3 PDTs at 6.75 A)
	-25 °C ... 40 °C (RIF-3, DC coil, 2 PDTs at 8 A)
	-25 °C ... 35 °C (RIF-4, DC coil, 3 PDTs at 8 A)
	-25 °C ... 25 °C (RIF-4, DC coil, 3 N/O contacts at 8 A)
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Dimensions

Width	13 mm
Height	12 mm
Depth	35 mm

Standards and Regulations

Connection in acc. with standard	CSA
Designation	Air clearances and creepage distances in a circuit
Standards/regulations	DIN EN 50178
Rated insulation voltage	50 V DC
Rated surge voltage	0.4 kV
Insulation	Basic insulation
Degree of pollution	2
Overvoltage category	I

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
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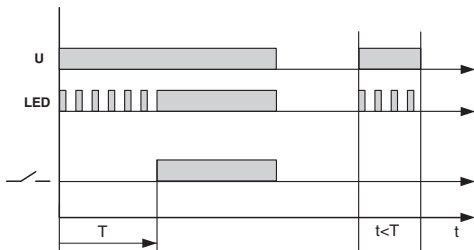
Technical data

Environmental Product Compliance

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

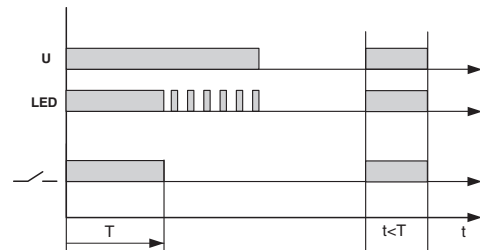
Drawings

Diagram



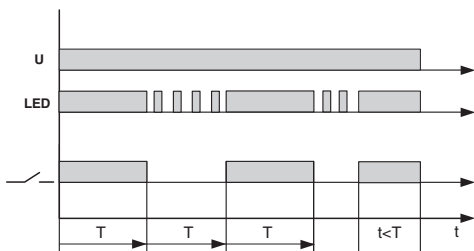
With switch-on delay

Diagram



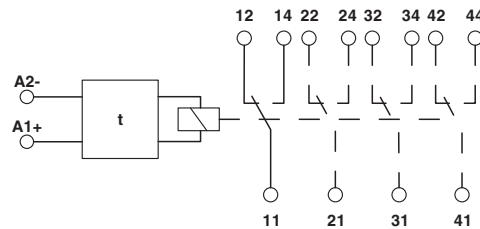
With passing make contact

Diagram



Flasher/pulse generator

Circuit diagram



Approvals

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UL Recognized / CSA / EAC / GL / LR / EAC / PRS


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Approvals

Ex Approvals

Approval details

UL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 113228

CSA  <http://www.csagroup.org/services/testing-and-certification/certified-product-listing/> 2607057

EAC EAC-Zulassung

GL <http://www.gl-group.com/newbuilding/approvals/index.html> 11247-14 HH

LR <http://www.lr.org/en> 15/20011

EAC 7500651.22.01.00244

PRS <http://www.prs.pl/> TE/2108/880590/16
