

## 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

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 668880

### 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	$\leq 250$ mA (Relay coil current)
Voltage drop at max. limiting continuous current	< 100 mV

#### 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

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## Technical data

### General

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

### 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
Insulation	Basic insulation
Degree of pollution	2
Overvoltage category	I

## Classifications

### eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371603
eCl@ss 5.1	27371603
eCl@ss 6.0	27371603
eCl@ss 7.0	27371603
eCl@ss 8.0	27371308

### ETIM

ETIM 3.0	EC001456
ETIM 4.0	EC001456
ETIM 5.0	EC002060

### UNSPSC

UNSPSC 6.01	30211917
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## Classifications

### UNSPSC

UNSPSC 7.0901	39121516
UNSPSC 11	39121516
UNSPSC 12.01	39121516
UNSPSC 13.2	39121516

## Approvals

### Approvals

Approvals

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

Ex Approvals

Approvals submitted

### Approval details

UL Recognized

CSA

EAC

GL

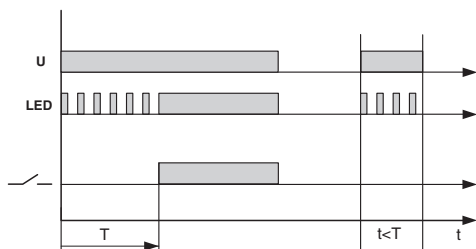
LR

EAC

## Drawings

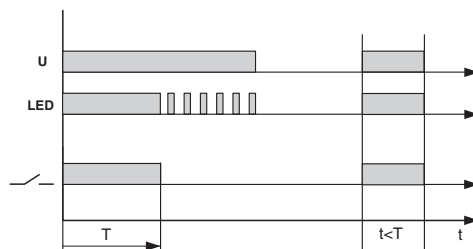
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Diagram



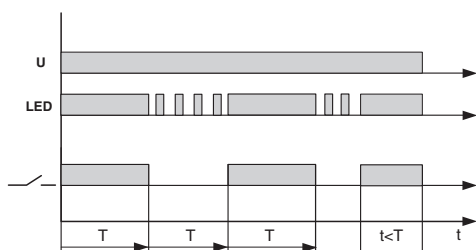
With switch-on delay

Diagram



With passing make contact

Diagram



Flasher/pulse generator

Circuit diagram

