

# 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: 12 ... 24 V DC



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356668880
Weight per Piece (excluding packing)	16.200 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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### Dimensions

Width	13 mm
Height	12 mm
Depth	35 mm

### 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)

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## Technical data

### Ambient conditions

	-25 °C ... 25 °C (RIF-4, DC coil, 3 N/O contacts at 8 A)
Ambient temperature (storage/transport)	-25 °C ... 85 °C

### 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 %
Insulation	Basic insulation
Standards/regulations	DIN EN 50178
Mounting position	any
Assembly instructions	Can be inserted into relay base

### 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
Pollution degree	2
Overvoltage category	I

### Environmental Product Compliance

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

## Drawings