



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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
Weight per Piece (excluding packing)	20.0 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

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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

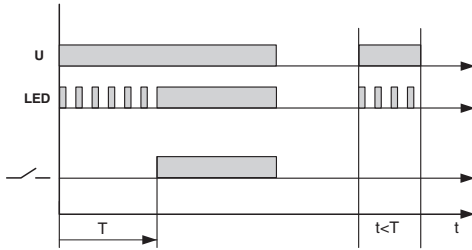
Standards and Regulations

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

Drawings

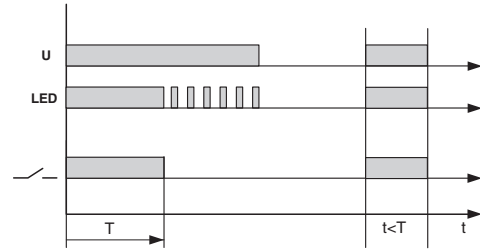
Timer module - RIF-T3-24UC - 2902647

Diagram



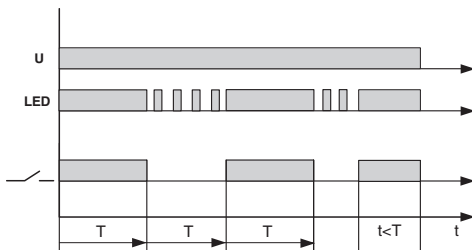
With switch-on delay

Diagram



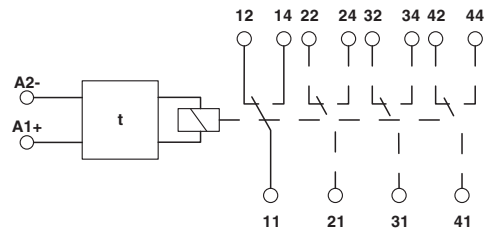
With passing make contact

Diagram



Flasher/pulse generator

Circuit diagram



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

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Classifications

UNSPSC

UNSPSC 6.01	30211917
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

