Product datasheet

Specifications

on-delay timing relay - 0.1 s..100 h - 12 V DC - 4 OC

REXL4TMJD

⚠ Discontinued on: 1 Oct 2020

EAN Code: 3389119400060

⚠ **Discontinued**

Main

Range of product	Harmony Relay
Fixing mode	Plug-in (socket)
Product or component type	Miniature timing relay
Discrete output type	Relay
Contacts type and composition	4 C/O
Component name	REXL
time delay type	A
time delay range	10...100 h 6...60 min 1...10 h 0.1...1 s 6...60 s 1...10 s 1...10 min

Complementary

Contacts material	Cadmium free
[Us] rated supply voltage	12 V DC
Voltage range	0.9...1.1 Us
[In] rated current	5 A AC
Repeat accuracy	+/- 0.5 %
Setting accuracy of time delay	10 % at full scale at 25 °C conforming to EN/IEC 61812-1
Temperature drift	0.05 %/°C
maximum reset time	250 ms after time delay, on de-energisation 50 ms during time delay, on de-energisation
Voltage drift	+/- 0.2 %/V
Maximum switching capacity	4 x 5 A
maximum temporary permissible current	10 A for < 10 s
Minimum switching current	100 mA
Electrical durability	100000 cycles at 250 V AC resistive
Mechanical durability	10000000 cycles
maximum power consumption	1.5 W
[Ui] rated insulation voltage	250 V conforming to IEC 255 Group C 250 V conforming to VDE 0010

Output overvoltage protection	2 J
Surge withstand	2 kV conforming to EN/IEC 61000-4-5 level 3
Creepage distance	4 kV/3 conforming to IEC 60664-1
Local signalling	1 LED (red) for output in operation 1 LED (yellow) for power ON
Net weight	0.05 kg

Environment

Immunity to microbreaks	5 ms
Dielectric strength	2 kV for 1 mA/1 minute at 50 Hz conforming to EN/IEC 60601-1 2 kV for 1 mA/1 minute at 50 Hz conforming to EN/IEC 61812-1
Standards	93/68/EEC EN 50081-2 73/23/EEC EN 61000-6-2 EN/IEC 60601-2 EN/IEC 60601-1 89/336/EEC EN/IEC 61812-1
Product certifications	UL cUL
Ambient air temperature for operation	-20…60 °C
Ambient air temperature for storage	-40…70 °C
IP degree of protection	IP50 conforming to IEC 60529
Vibration resistance	0.35 mm (f= 10…55 Hz) conforming to IEC 60068-2-6
Relative humidity	95 % without condensation conforming to IEC 60068-2-6
Resistance to electrostatic discharge	6 kV in contact conforming to EN/IEC 61000-4-2 level 3 8 kV in air conforming to EN/IEC 61000-4-2 level 3
Resistance to electromagnetic fields	10 V/m conforming to EN/IEC 61000-4-3 level 3
Resistance to fast transients	2 kV conforming to EN/IEC 61000-4-4 level 3
Immunity to radioelectric fields	10 V (0.15...80 MHz) conforming to EN/IEC 61000-4-6 level 3
Immunity to voltage dips	>= 95 % / 1 s conforming to EN/IEC 61000-4-11 30 % / 10 ms conforming to EN/IEC 61000-4-11 60 % / 100 ms conforming to EN/IEC 61000-4-11
Disturbance radiated/conducted	Class B conforming to EN 55022 (EN 55011 group 1)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained ›

How we assess product sustainability ›

Environmental footprint

Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
SCIP Number	**1b9c3411-e0e2-4832-adc7-e6e2a8e06cab**
China RoHS Regulation	**China RoHS declaration**

Use Again

Repack and remanufacture
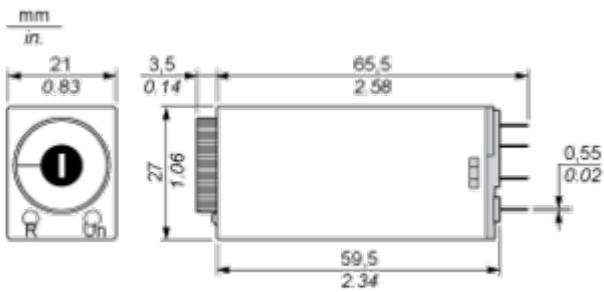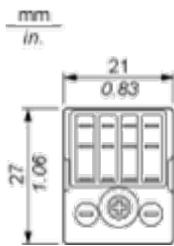
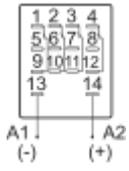|	
Circularity Profile	**No need of specific recycling operations**
WEEE	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

REXL4TMJD

Dimensions Drawings

Width 21 mm

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Connections and Schema

Terminal Referencing

```
 1  2  3  4
 5  6  7  8
 9 10 11 12
13       14

A1        A2
(-)       (+)
```
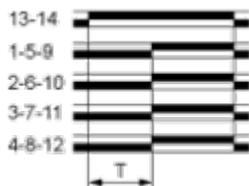
Technical Description

Function A : Power on Delay Relay

Description

The timing period T begins on energisation. After timing, the outputs close.
4 Timed C/O Contacts

Legend

⬜	Relay de-energised
⬛	Relay energised
⬜	Output open
⬛	Output closed

R	Relay output
T	Timing period