

single function relay, Harmony Timer Relays, 5A, 2CO, 0.1s..100h, on delay, 12V DC

REXL2TMJD

### Main

Range of product	Harmony Timer Relays	
Fixing mode	Plug-in (socket)	
Product or component type	Miniature timing relay	
Discrete output type	Relay	
Contacts type and composition	2 C/O	
Component name	REXL	
Time delay type	Power on-delay	
Time delay range	10100 h 0.11 s 110 s 660 min 110 h 110 min 660 s	
Width	21 mm	

## Complementary

•		
Contacts material	Cadmium free	
[Us] rated supply voltage	12 V DC	
Voltage range	0.91.1 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 IEC 61812-1	
Time delay type	Power on-delay - A- Power on-delay relay	
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 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	
Function available	A- Power on-delay relay-2 C/O	
Control type	Without test button	
Shape of pin	Flat	
Number of functions	1	
Product weight	0.05 kg	

### **Environment**

Immunity to microbreaks	5 ms	
Dielectric strength	2 kV for 1 mA/1 minute at 50 Hz conforming to IEC 60601-1 2 kV for 1 mA/1 minute at 50 Hz conforming to IEC 61812-1	
Standards	93/68/EEC IEC 61812-1 IEC 60601-1 89/336/EEC IEC 60601-2 73/23/EEC IEC 61000-6-2 EN 50081-2	
Product certifications	UL cUL	
Ambient air temperature for operation	-2060 °C	
Ambient air temperature for storage	-4070 °C	
IP degree of protection	IP50 conforming to IEC 60529	
Vibration resistance	0.35 mm (f= 1055 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 IEC 61000-4-2 level 3 8 kV in air conforming to IEC 61000-4-2 level 3	
Resistance to electromagnetic fields	10 V/m conforming to IEC 61000-4-3 level 3	
Resistance to fast transients	2 kV conforming to IEC 61000-4-4 level 3	
Immunity to radioelectric fields	10 V (0.1580 MHz) conforming to IEC 61000-4-6 level 3	
Immunity to voltage dips	>= 95 % / 1 s conforming to IEC 61000-4-11 30 % / 10 ms conforming to IEC 61000-4-11 60 % / 100 ms conforming to 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
Package 1 Height	3.100 cm
Package 1 Width	3.100 cm
Package 1 Length	7.400 cm

Package 1 Weight	50.000 g
Unit Type of Package 2	S01
Number of Units in Package 2	48
Package 2 Height	15.000 cm
Package 2 Width	15.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.639 kg

## **Contractual warranty**

Warranty 18 months



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	
Total lifecycle Carbon footprint	52
Environmental Disclosure	Product Environmental Profile

#### **Use Better**

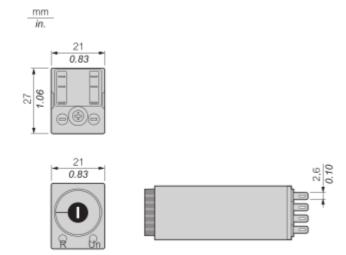
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	1b9c3411-e0e2-4832-adc7-e6e2a8e06cab
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

### Use Again

○ Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
Take-back	No

### **Dimensions Drawings**

### Width 21 mm



## **Product data sheet**

### **REXL2TMJD**

Connections and Schema

### Terminal Referencing



## **Product data sheet**

### **REXL2TMJD**

**Technical Description** 

#### Function A : Power on Delay Relay

#### Description

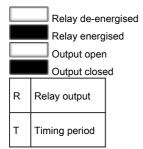
The timing period T begins on energisation. After timing, the outputs close. 2 Timed C/O Contacts  $\,$ 



## **Product data sheet**

## **REXL2TMJD**

### Legend



**Technical Illustration** 

### **Dimensions**

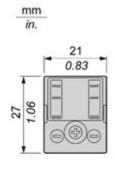






Image of product in real life situation

