

# Product data sheet

Specifications



single function relay, Harmony  
Timer Relays, 5A, 4CO, 0.1s..100h,  
on delay, 24V DC

REXL4TMBD

**Product availability: Stock - Normally stocked in distribution facility**

## 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	4 C/O
Component name	REXL
Time delay type	Power on-delay
Time delay range	10...100 h 6...60 s 6...60 min 1...10 s 1...10 h 1...10 min 0.1...1 s
Width	0.8 in (21 mm)

## Complementary

Contacts material	Cadmium free
[Us] rated supply voltage	24 V DC
Voltage range	0.9...1.1 Us
Line Rated Current	5 A AC
Repeat accuracy	+/- 0.5 %
Setting accuracy of time delay	10 % at full scale 25 °C 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 < 10 s
minimum switching current	100 mA
Electrical durability	100000 cycles 250 V AC resistive
Mechanical durability	10000000 cycles
maximum power consumption	1.2 W

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>[Ui] rated insulation voltage</b>	250 V IEC 255 Group C 250 V VDE 0010
<b>Output overvoltage protection</b>	2 J
<b>Surge withstand</b>	2 kV IEC 61000-4-5 level 3
<b>Creepage distance</b>	4 kV/3 IEC 60664-1
<b>Local signalling</b>	1 LED (red) for output in operation 1 LED (yellow) for power ON
<b>Function available</b>	A- Power on-delay relay-4 C/O
<b>Control Type</b>	Without test button
<b>Shape of pin</b>	Flat
<b>Number of functions</b>	1
<b>Net Weight</b>	0.11 lb(US) (0.05 kg)

## Environment

<b>Immunity to microbreaks</b>	5 ms
<b>Dielectric strength</b>	2 kV 1 mA/1 minute 50 Hz IEC 60601-1 2 kV 1 mA/1 minute 50 Hz IEC 61812-1
<b>Standards</b>	IEC 60601-2 IEC 61000-6-2 73/23/EEC IEC 61812-1 93/68/EEC IEC 60601-1 89/336/EEC EN 50081-2
<b>Product Certifications</b>	UL cUL
<b>Ambient Air Temperature for Operation</b>	-4...140 °F (-20...60 °C)
<b>Ambient Air Temperature for Storage</b>	-40...158 °F (-40...70 °C)
<b>IP degree of protection</b>	IP50 conforming to IEC 60529
<b>Vibration resistance</b>	0.35 mm (f= 10...55 Hz) conforming to IEC 60068-2-6
<b>Relative Humidity</b>	95 % without condensation IEC 60068-2-6
<b>Resistance to electrostatic discharge</b>	6 kV in contact IEC 61000-4-2 level 3 8 kV in air IEC 61000-4-2 level 3
<b>Resistance to electromagnetic fields</b>	9.1 V/m (10 V/m) IEC 61000-4-3 level 3
<b>Resistance to fast transients</b>	2 kV IEC 61000-4-4 level 3
<b>Immunity to radioelectric fields</b>	10 V 0.15...80 MHz)IEC 61000-4-6 level 3
<b>Immunity to voltage dips</b>	>= 95 % / 1 s IEC 61000-4-11 30 % / 10 ms IEC 61000-4-11 60 % / 100 ms IEC 61000-4-11
<b>Disturbance radiated/conducted</b>	Class B EN 55022 (EN 55011 group 1)

## Ordering and shipping details

<b>Category</b>	US10CP222370
<b>Discount Schedule</b>	0CP2
<b>GTIN</b>	3389119400077
<b>Returnability</b>	Yes
<b>Country of origin</b>	ID

# Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.181 in (3.000 cm)
Package 1 Width	2.874 in (7.300 cm)
Package 1 Length	1.181 in (3.000 cm)
Package weight(Lbs)	1.869 oz (53.000 g)
Unit Type of Package 2	S01
Number of Units in Package 2	48
Package 2 Height	5.906 in (15.000 cm)
Package 2 Width	5.906 in (15.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	6.160 lb(US) (2.794 kg)

# Contractual warranty

Warranty (in months)	18
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## 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

Total lifecycle Carbon footprint	42 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	41 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	1b9c3411-e0e2-4832-adc7-e6e2a8e06cab
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

### Use Longer



### Lifetime extension

Repair	No
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### Use Again



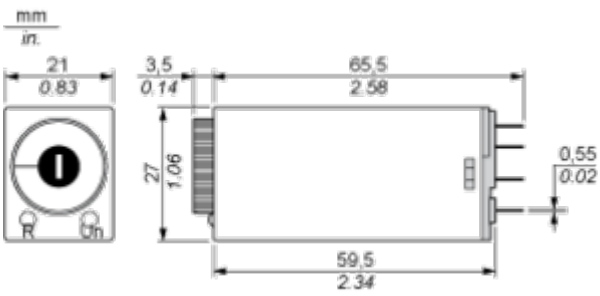
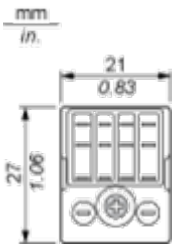
### Repack and remanufacture

Circularity Profile	No need of specific recycling operations
Take-back	No

Dimensions Drawings

Width 21 mm

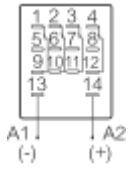
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Connections and Schema

Terminal Referencing

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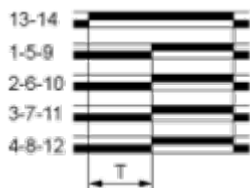
Technical Description

**Function A : Power on Delay Relay**

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**Description**

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



**Legend**

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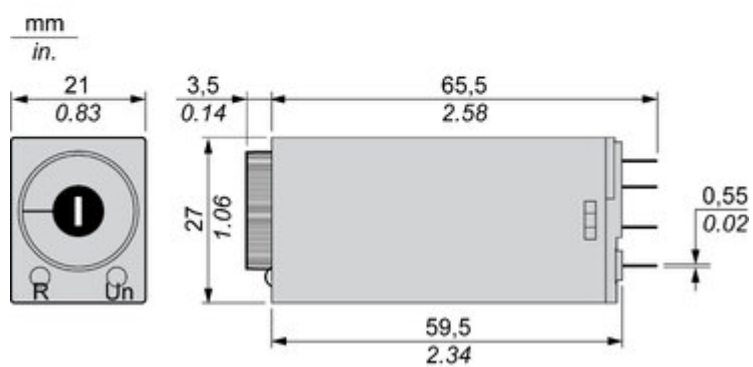
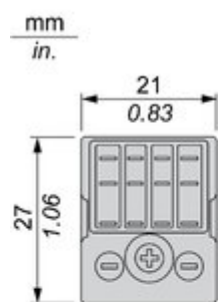
-  Relay de-energised
-  Relay energised
-  Output open
-  Output closed

R	Relay output
T	Timing period

Technical Illustration

Dimensions

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Offer Marketing Illustration

Product benefits / Features

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## Technical Benefits

### Harmony Timer Relay

Flexible choice of screw or spring connection terminals for wiring.

One product reference covering 28 timing functions, 2 outputs, and a wide range of supply voltage 24...240 V AC/DC.

Dust and unintended human intervention avoided thanks to the IP50 lead-sealable settings protection cover.



A Dial-Pointer LED indicator that enhances ease of operation in difficult environments such as dusty or low-light conditions

Different mounting style to meet your preference:  
DIN rail mount with product width; 17.5 mm/0.69 in.  
22.5 mm/0.88 in.  
Plug in mounting with socket

Offer Marketing Illustration

Product benefits / Features

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The infographic features a central image of the REXL4TMBD Harmony Timer Relay, a black rectangular device with a control panel and terminal block. It is surrounded by five circular icons, each representing a key feature. The background is a solid green color.

### Features

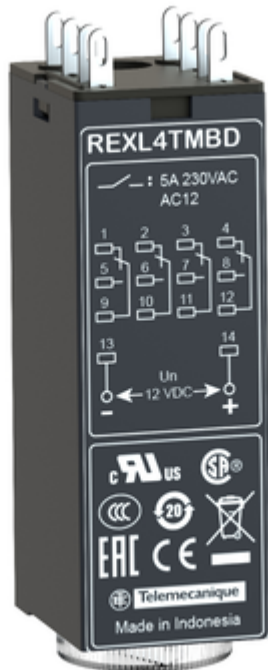
#### Harmony Timer Relay

- Diagnostic button:** "Diagnostic button" to check downstream circuit immediately, shorten the commission and troubleshooting time.
- Wide range of time delay:** Wide range of time delay for adjustment: from 0.01 s to 999 hrs.
- Compatibility:** Compatible with a wide range of applications including machines, buildings, water segments, and HVAC.
- Compliance:** Compliant with IEC 60255-1 standard, and a wide array of product certifications such as UL, CE, CSA, EAC.
- Accuracy:** Unprecedented accuracy, predictive maintenance, and superior security.

Image of product / Alternate images

Alternative

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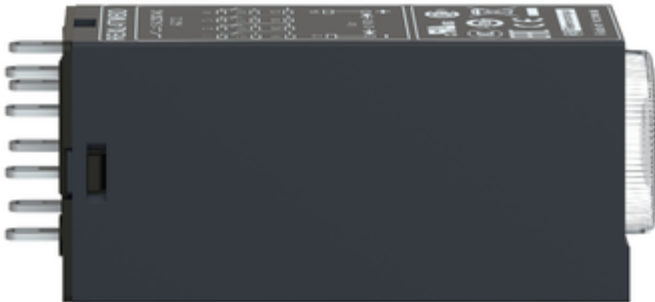




Image of product in real life situation

