Product data sheet

Specifications

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

REXL4TMB7

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	6...60 s 1...10 s 1...10 h 1...10 min 6...60 min 10...100 h 0.1...1 s
Width	0.8 in (21 mm)

Complementary

Contacts material	Cadmium free
[Us] rated supply voltage	24 V AC 50/60 Hz
Voltage range	0.85...1.15 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	1.7 VA

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

[Ui] rated insulation voltage	250 V IEC 255 Group C 250 V VDE 0010
Output overvoltage protection	2 J
Surge withstand	2 kV IEC 61000-4-5 level 3
Creepage distance	4 kV/3 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-4 C/O
Control Type	Without test button
Shape of pin	Flat
Number of functions	1
Net Weight	0.11 lb(US) (0.05 kg)

Environment

Immunity to microbreaks	5 ms
Dielectric strength	2 kV 1 mA/1 minute 50 Hz IEC 60601-1 2 kV 1 mA/1 minute 50 Hz IEC 61812-1
Standards	IEC 60601-1 89/336/EEC IEC 61812-1 IEC 60601-2 73/23/EEC 93/68/EEC IEC 61000-6-2 EN 50081-2
Product Certifications	UL cUL
Ambient Air Temperature for Operation	-4…140 °F (-20…60 °C)
Ambient Air Temperature for Storage	-40…158 °F (-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 IEC 60068-2-6
Resistance to electrostatic discharge	6 kV in contact IEC 61000-4-2 level 3 8 kV in air IEC 61000-4-2 level 3
Resistance to electromagnetic fields	9.1 V/m (10 V/m) IEC 61000-4-3 level 3
Resistance to fast transients	2 kV IEC 61000-4-4 level 3
Immunity to radioelectric fields	10 V 0.15...80 MHz)IEC 61000-4-6 level 3
Immunity to voltage dips	>= 95 % / 1 s IEC 61000-4-11 30 % / 10 ms IEC 61000-4-11 60 % / 100 ms IEC 61000-4-11
Disturbance radiated/conducted	Class B EN 55022 (EN 55011 group 1)

Ordering and shipping details

Category	US10CP222370
Discount Schedule	0CP2
GTIN	3389119400084
Returnability	Yes
Country of origin	ID

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.953 in (7.500 cm)
Package 1 Width	1.181 in (3.000 cm)
Package 1 Length	1.181 in (3.000 cm)
Package weight(Lbs)	1.728 oz (49.000 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	5.878 lb(US) (2.666 kg)

Contractual warranty

Warranty (in months)	18

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	**59 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**
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]	**58 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0 kg CO2 eq.**

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	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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 Longer

Lifetime extension

Repair	**No**

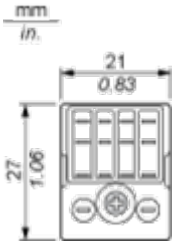
Use Again

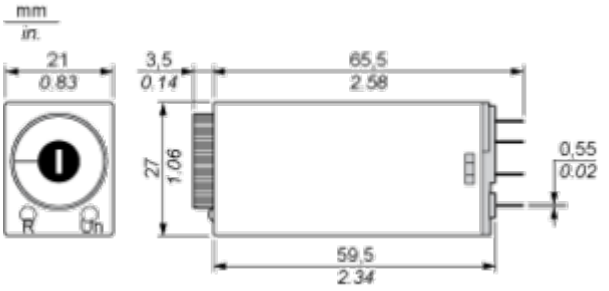
Repack and remanufacture

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

Dimensions Drawings

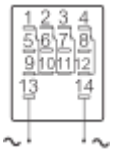
Width 21 mm





Connections and Schema

Terminal Referencing

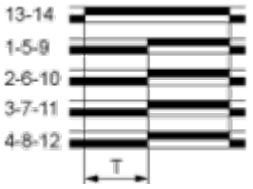


Technical Description

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

Technical Illustration

Dimensions

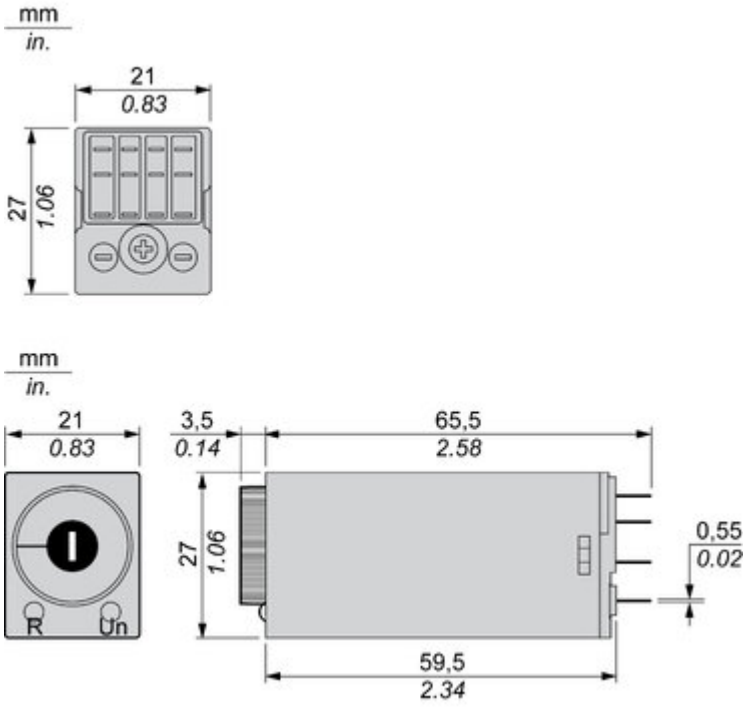


Image of product in real life situation