

Product data sheet

Specifications



single function relay, Harmony
Timer Relays, 5A, 2CO, 0.1s..100h,
on delay, 120V AC

REXL2TMF7

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	10...100 h 6...60 s 6...60 min 1...10 min 0.1...1 s 1...10 s 1...10 h
Width	21 mm

Complementary

Contacts material	Cadmium free
[Us] rated supply voltage	120 V AC 50/60 Hz
Voltage range	0.85...1.15 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	2.6 VA

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[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
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 IEC 60601-1 2 kV for 1 mA/1 minute at 50 Hz conforming to IEC 61812-1
Standards	IEC 61000-6-2 93/68/EEC EN 50081-2 IEC 61812-1 73/23/EEC IEC 60601-2 89/336/EEC IEC 60601-1
Product certifications	cUL UL
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 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 (0.15...80 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	7.500 cm

Package 1 Weight	48.000 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	2.542 kg

Contractual warranty

Warranty	18 months
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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	90
Environmental Disclosure	Product Environmental Profile

Use Better

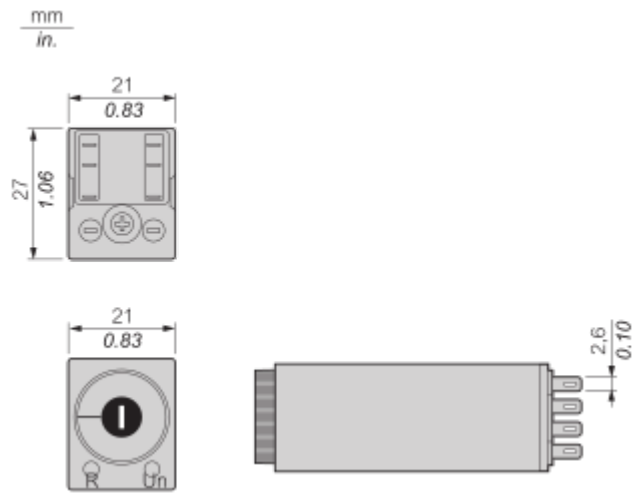
 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	1b9c3411-e0e2-4832-adc7-e6e2a8e06cab
California proposition 65	WARNING: This product can expose you to 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

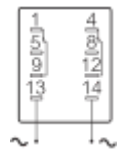
Dimensions Drawings

Width 21 mm



Connections and Schema

Terminal Referencing

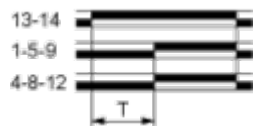


Technical Description

Function A : Power on Delay Relay

Description

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



Legend

Relay de-energised

Relay energised

Output open

Output closed

R	Relay output
T	Timing period

Technical Illustration

Dimensions

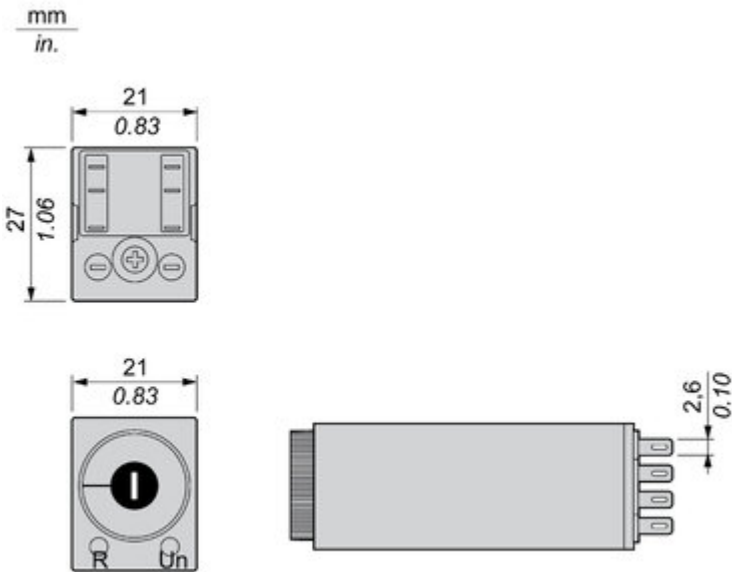


Image of product / Alternate images

Alternative







Image of product in real life situation

