

Product data sheet

Specifications



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

REXL2TMJD

Main

Range of product	Harmony Timer Relays
Product or component type	Miniature timing relay
Fixing mode	Plug-in (socket)
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 0.1...1 s 1...10 s 6...60 min 1...10 h 1...10 min 6...60 s
Width	0.8 in (21 mm)

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 25 °C 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 < 10 s
Minimum switching current	100 mA
Electrical durability	100000 cycles 250 V AC resistive
Mechanical durability	10000000 cycles
maximum power consumption	1.5 W
[U] 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	Output in operation 1 LED red) Power ON 1 LED yellow)
Function available	A- Power on-delay relay-2 C/O 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	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	-4.0000000000...140.0000000000 °F (-20...60 °C)
ambient air temperature for storage	-40.0000000000...158.0000000000 °F (-40...70 °C)
IP degree of protection	IP50 conforming to IEC 60529
Vibration resistance	0.35 mm 10...55 Hz)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/yd (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)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.220 in (3.100 cm)
Package 1 Width	1.220 in (3.100 cm)
Package 1 Length	2.913 in (7.400 cm)
Package 1 Weight	1.764 oz (50.000 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	5.818 lb(US) (2.639 kg)

Contractual warranty

Warranty	18 months
-----------------	-----------

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

RoHS Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu RoHS Directive Pro-active compliance (Product out of EU RoHS legal scope)

China RoHS Regulation [China RoHS declaration](#)

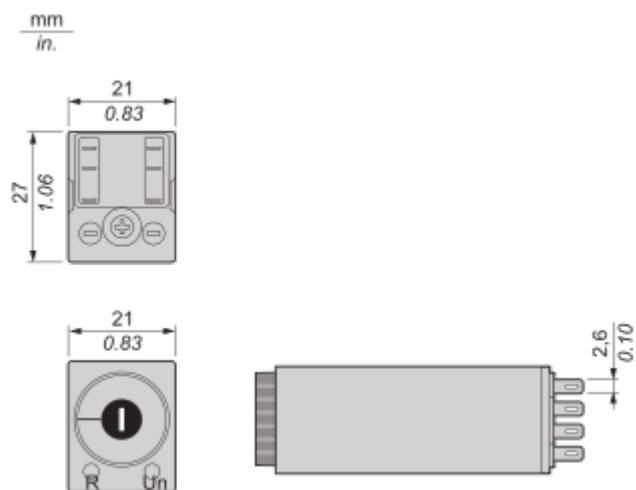
Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile No need of specific recycling operations

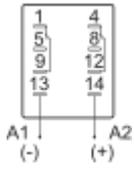
Dimensions Drawings

Width 21 mm



Connections and Schema

Terminal Referencing

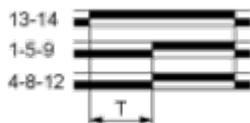


Technical Description

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