

# Bảng thông số sản phẩm

Thông số kỹ thuật



single function relay, Harmony  
Timer Relays, 5A, 4CO, 0.1s..  
100h, on delay, 120V AC

REXL4TMF7

## 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	4 C/O
Component name	REXL
time delay type	Power on-delay
time delay range	1...10 min 10...100 h 6...60 s 0.1...1 s 1...10 h 6...60 min 1...10 s
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
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
[U <sub>i</sub> ] rated insulation voltage	250 V conforming to IEC 255 Group C 250 V conforming to VDE 0010

<b>Output overvoltage protection</b>	2 J
<b>Surge withstand</b>	2 kV conforming to IEC 61000-4-5 level 3
<b>Creepage distance</b>	4 kV/3 conforming to 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>	0.05 kg

## Environment

<b>Immunity to microbreaks</b>	5 ms
<b>Dielectric strength</b>	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
<b>Standards</b>	IEC 61000-6-2 IEC 60601-1 89/336/EEC 93/68/EEC IEC 61812-1 IEC 60601-2 73/23/EEC EN 50081-2
<b>Product certifications</b>	cUL UL
<b>Ambient air temperature for operation</b>	-20...60 °C
<b>Ambient air temperature for storage</b>	-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 conforming to IEC 60068-2-6
<b>Resistance to electrostatic discharge</b>	6 kV in contact conforming to IEC 61000-4-2 level 3 8 kV in air conforming to IEC 61000-4-2 level 3
<b>Resistance to electromagnetic fields</b>	10 V/m conforming to IEC 61000-4-3 level 3
<b>Resistance to fast transients</b>	2 kV conforming to IEC 61000-4-4 level 3
<b>Immunity to radioelectric fields</b>	10 V (0.15...80 MHz) conforming to IEC 61000-4-6 level 3
<b>Immunity to voltage dips</b>	>= 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
<b>Disturbance radiated/conducted</b>	Class B conforming to EN 55022 (EN 55011 group 1)

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	3.100 cm
<b>Package 1 Width</b>	3.100 cm
<b>Package 1 Length</b>	7.500 cm
<b>Package 1 Weight</b>	50.000 g

<b>Unit Type of Package 2</b>	S01
<b>Number of Units in Package 2</b>	48
<b>Package 2 Height</b>	15.000 cm
<b>Package 2 Width</b>	15.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	2.685 kg

## **Contractual warranty**

<b>Warranty</b>	18 months
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## Bền vững

Nhãn **Green Premium™** là cam kết của Schneider Electric trong việc cung cấp sản phẩm với hiệu suất môi trường tốt nhất. Green Premium cam kết tuân thủ các quy định mới nhất, minh bạch về tác động môi trường, cũng như các sản phẩm tuần hoàn và CO<sub>2</sub> thấp.

**Hướng dẫn đánh giá tính bền vững của sản phẩm** là tài liệu kỹ thuật phổ thông giúp làm rõ các tiêu chuẩn nhãn sinh thái toàn cầu và cách diễn giải việc khai báo môi trường.

[Tìm hiểu thêm về Green Premium >](#)

[Hướng dẫn đánh giá về sự bền vững của sản phẩm >](#)



Minh bạch RoHS/REACH

## Hiệu suất sức khỏe



Mercury Free



Rohs Exemption Information

Yes

## Chứng nhận & Tiêu chuẩn

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

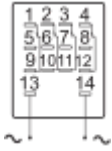
No need of specific recycling operations



Connections and Schema

## Terminal Referencing

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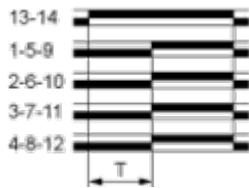
## Technical Description

### 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