

# Product data sheet

Specifications



single function relay, Harmony  
Timer Relays, 5A, 4CO, 0.1s..100h,  
on delay, 230V AC

REXL4TMP7

## 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<br>1...10 s<br>6...60 min<br>1...10 min<br>0.1...1 s<br>10...100 h<br>1...10 h |
| Width                         | 21 mm                                                                                   |

## Complementary

|                                       |                                                                                            |
|---------------------------------------|--------------------------------------------------------------------------------------------|
| Contacts material                     | Cadmium free                                                                               |
| [Us] rated supply voltage             | 230 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<br>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             | 3 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<br>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<br>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                    | 0.05 kg                                                             |

## Environment

|                                       |                                                                                                                                       |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Immunity to microbreaks               | 5 ms                                                                                                                                  |
| Dielectric strength                   | 2 kV for 1 mA/1 minute at 50 Hz conforming to IEC 60601-1<br>2 kV for 1 mA/1 minute at 50 Hz conforming to IEC 61812-1                |
| Standards                             | IEC 61000-6-2<br>EN 50081-2<br>IEC 60601-1<br>IEC 60601-2<br>73/23/EEC<br>93/68/EEC<br>89/336/EEC<br>IEC 61812-1                      |
| Product certifications                | cUL<br>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<br>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<br>30 % / 10 ms conforming to IEC 61000-4-11<br>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             | 50.000 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             | 2.713 kg  |

## Contractual warranty

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

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                                                                          | 32                                            |
| Environmental Disclosure                                                                                  | <a href="#">Product Environmental Profile</a> |

Use Better

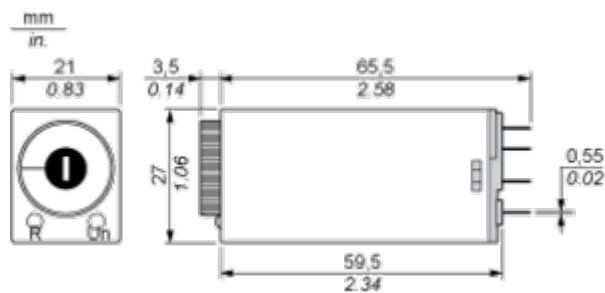
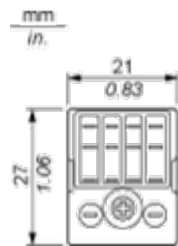
|  Materials and Substances |                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard                                                                     | Yes                                                                                                                                                                                                                                                                                                                                                                    |
| Packaging without single use plastic                                                                       | Yes                                                                                                                                                                                                                                                                                                                                                                    |
| <a href="#">EU RoHS Directive</a>                                                                          | 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

Use Again

|  Repack and remanufacture |                                          |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------|
| End of life manual availability                                                                              | No need of specific recycling operations |
| Take-back                                                                                                    | No                                       |

Dimensions Drawings

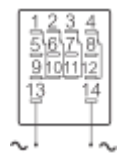
Width 21 mm



Connections and Schema

Terminal Referencing

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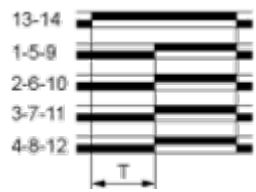
Technical Description

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

Relay de-energised

Relay energised

Output open

Output closed

|   |               |
|---|---------------|
| R | Relay output  |
| T | Timing period |



Technical Illustration

Dimensions

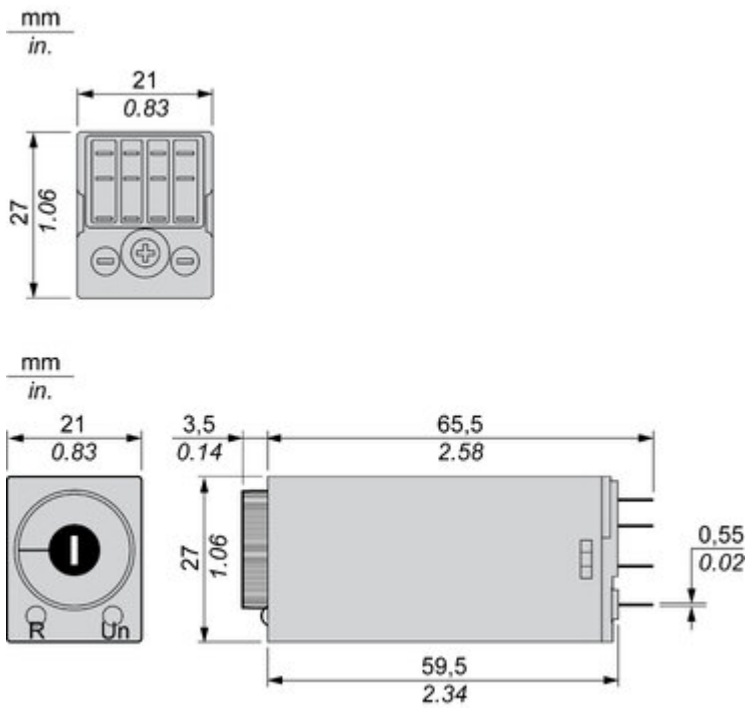


Image of product / Alternate images

Alternative

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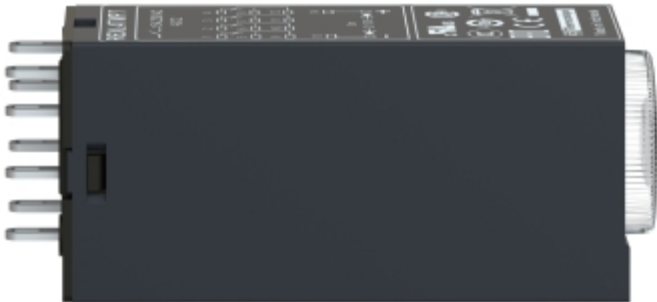




Image of product in real life situation

