

REXL2TMP7

Miniature plug in timing relay, Harmony, 5A, 2CO, 0.1s..100h, on Delay, 230V AC



Main

| | |
|-------------------------------|---|
| Range of product | Harmony Timer Relays |
| Product or component type | Single function 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 1...10 min 1...10 h 0.1...1 s 6...60 min 6...60 s 1...10 s |

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 EN/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 | 3 VA |
| [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 EN/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 |
| Net weight | 0.05 kg |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

| | |
|---------------------------------------|--|
| Immunity to microbreaks | 5 ms |
| Dielectric strength | 2 kV for 1 mA/1 minute at 50 Hz conforming to EN/IEC 60601-1 2 kV for 1 mA/1 minute at 50 Hz conforming to EN/IEC 61812-1 |
| Standards | EN/IEC 60601-1 89/336/EEC EN 61000-6-2 EN 50081-2 EN/IEC 61812-1 73/23/EEC EN/IEC 60601-2 93/68/EEC |
| Product certifications | UL cUL |
| 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 EN/IEC 61000-4-2 level 3 8 kV in air conforming to EN/IEC 61000-4-2 level 3 |
| Resistance to electromagnetic fields | 10 V/m conforming to EN/IEC 61000-4-3 level 3 |
| Resistance to fast transients | 2 kV conforming to EN/IEC 61000-4-4 level 3 |
| Immunity to radioelectric fields | 10 V (0.15...80 MHz) conforming to EN/IEC 61000-4-6 level 3 |
| Immunity to voltage dips | >= 95 % / 1 s conforming to EN/IEC 61000-4-11 30 % / 10 ms conforming to EN/IEC 61000-4-11 60 % / 100 ms conforming to EN/IEC 61000-4-11 |
| Disturbance radiated/conducted | Class B conforming to EN 55022 (EN 55011 group 1) |

Packing Units

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 3.0 cm |
| Package 1 Width | 3.0 cm |
| Package 1 Length | 7.5 cm |
| Package 1 Weight | 50.0 g |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 48 |
| Package 2 Height | 15.0 cm |
| Package 2 Width | 15.0 cm |
| Package 2 Length | 40.0 cm |
| Package 2 Weight | 2.606 kg |

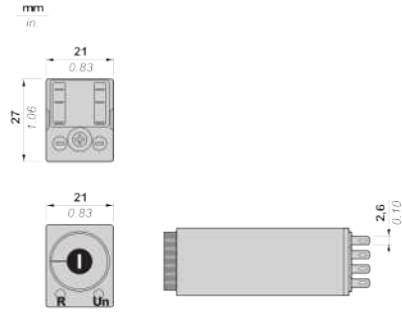
Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| 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 |

Contractual warranty

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

Width 21 mm



Terminal Referencing

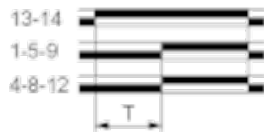


Function A : Power on Delay Relay

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 |