# Product data sheet
## Characteristics

# REXL2TMB7
single function relay, Harmony Timer Relays, 5A, 2CO, 0.1s..100h, on delay, 24V AC



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

## Complementary

| | |
|---|---|
| Contacts material | Cadmium free |
| [Us] rated supply voltage | 24 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 |
| 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 |
| 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 |
| Power consumption in VA | 1.7 VA |
| [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 |

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|---|---|
| Local signalling | 1 LED (red) for output in operation<br>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<br>2 KV for 1 mA/1 minute at 50 Hz conforming to IEC 61812-1 |
| Standards | EN 50081-2<br>IEC 61000-6-2<br>IEC 60601-2<br>IEC 61812-1<br>93/68/EEC<br>73/23/EEC<br>89/336/EEC<br>IEC 60601-1 |
| Product certifications | UL[RETURN]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 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

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|---|---|
| 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 Cm |
| Package 2 Width | 15 Cm |
| Package 2 Length | 40 Cm |
| Package 2 Weight | 2.683 Kg |

## Offer Sustainability

| | |
|---|---|
| Recyclability potential, in % | 28 |
| Total lifecycle Carbon footprint | 59 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.577945566 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.6 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.0065671821 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.0006474956 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |

| | |
|---|---|
| Carbon footprint of the use phase [B2, B3, B4, B6] | 58.3704444444 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 58 kg CO2 eq. |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.0064653042 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 59 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| SCIP Number | 1b9c3411-e0e2-4832-adc7-e6e2a8e06cab |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Nickel compounds, which is k |
| End of life manual availability | No need of specific recycling operations |
| Take-back | No |

## Contractual warranty

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|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised