Product data sheet
Characteristics

REXL2TMBD
single function relay, Harmony Timer Relays, 5A, 2CO, 0.1s..100h, on delay, 24V DC



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	1...10 s 1...10 min 6...60 min 0.1...1 s 1...10 h 10...100 h 6...60 s
Width	21 Mm

Complementary

Contacts material	Cadmium free
[Us] rated supply voltage	24 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 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 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 W	1.2 W
[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 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
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 2 KV for 1 mA/1 minute at 50 Hz conforming to IEC 61812-1
Standards	73/23/EEC EN 50081-2 93/68/EEC IEC 61812-1 IEC 61000-6-2 IEC 60601-1 IEC 60601-2 89/336/EEC
Product certifications	cUL[RETURN]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 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 30 % / 10 ms conforming to IEC 61000-4-11 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 Cm
Package 1 Width	3 Cm
Package 1 Length	7.5 Cm
Package 1 Weight	50 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	2.67 Kg

Offer Sustainability

Recyclability potential, in %	28
Total lifecycle Carbon footprint	42 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.5677264892
Carbon footprint of the manufacturing phase [A1 to A3]	0.6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.006451063
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0006360467
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.

Carbon footprint of the use phase [B2, B3, B4, B6]	41.2026666667
Carbon footprint of the use phase [B2, B3, B4, B6]	41 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.0063509864
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	42
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

Warranty (in months)	18

Product Life Status : Commercialised