Product data sheet
Characteristics

REXL4TMBD
Miniature plug in timing relay, Harmony, 5A, 4CO, 0.1s..100h, on Delay, 24V DC

Green Premium™ Product

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	4 C/O
Component name	REXL
Time delay type	Power on-delay
Time delay range	10...100 h 6...60 s 6...60 min 1...10 s 1...10 h 1...10 min 0.1...1 s

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 EN/IEC 61812-1
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 EN/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
	1 LED (yellow) for power ON
Product weight	0.05 Kg

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 60601-2
	EN 61000-6-2
	73/23/EEC
	EN/IEC 61812-1
	93/68/EEC
	EN/IEC 60601-1
	89/336/EEC
	EN 50081-2
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3 Cm
Package 1 Width	7.3 Cm
Package 1 Length	3 Cm
Package 1 Weight	53 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	2.794 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

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WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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 www.P65Warnings.ca.gov

Contractual warranty

Warranty	18 months

Product Life Status :	Commercialised