

### Main

Range of product	Zelio Time
Product or component type	Miniature timing relay
Fixing mode	Plug-in socket)
Discrete output type	Relay
Contacts type and composition	2 C/O
Component name	REXL
Time delay type	A
Time delay range	10...100 h 0.1...1 s 1...10 s 6...60 min 1...10 h 1...10 min 6...60 s

### Complementary

Contacts material	Cadmium free
[Us] rated supply voltage	12 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 25 °C 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 < 10 s

Minimum switching current	100 mA
Electrical durability	100000 cycles 250 V AC resistive
Mechanical durability	10000000 cycles
Maximum power consumption	1.5 W
[Ui] rated insulation voltage	250 V IEC 255 Group C 250 V VDE 0010
Output overvoltage protection	2 J
Surge withstand	2 kV EN/IEC 61000-4-5 level 3
Creepage distance	4 kV/3 IEC 60664-1
Local signalling	Output in operation 1 LED red) Power ON 1 LED yellow)
Net weight	0.11 lb(US) (0.05 kg)

## Environment

Immunity to microbreaks	5 ms
Dielectric strength	2 kV 1 mA/1 minute 50 Hz EN/IEC 60601-1 2 kV 1 mA/1 minute 50 Hz EN/IEC 61812-1
Standards	93/68/EEC EN/IEC 61812-1 EN/IEC 60601-1 89/336/EEC EN/IEC 60601-2 73/23/EEC EN 61000-6-2 EN 50081-2
Product certifications	UL CUL
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
IP degree of protection	IP50 IEC 60529
Vibration resistance	0.35 mm 10...55 Hz)IEC 60068-2-6
Relative humidity	95 % without condensation IEC 60068-2-6
Resistance to electrostatic discharge	6 kV in contact EN/IEC 61000-4-2 level 3 8 kV in air EN/IEC 61000-4-2 level 3
Resistance to electromagnetic fields	9.14 V/yd (10 V/m) EN/IEC 61000-4-3 level 3
Resistance to fast transients	2 kV EN/IEC 61000-4-4 level 3
Immunity to radioelectric fields	10 V 0.15...80 MHz)EN/IEC 61000-4-6 level 3
Immunity to voltage dips	>= 95 % / 1 s EN/IEC 61000-4-11 30 % / 10 ms EN/IEC 61000-4-11 60 % / 100 ms EN/IEC 61000-4-11
Disturbance radiated/conducted	Class B EN 55022 (EN 55011 group 1)

## Packing Units

Package 1 Weight	0.11 lb(US) (0.051 kg)
Package 1 Height	0.300 dm
Package 1 width	0.300 dm
Package 1 Length	0.750 dm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>

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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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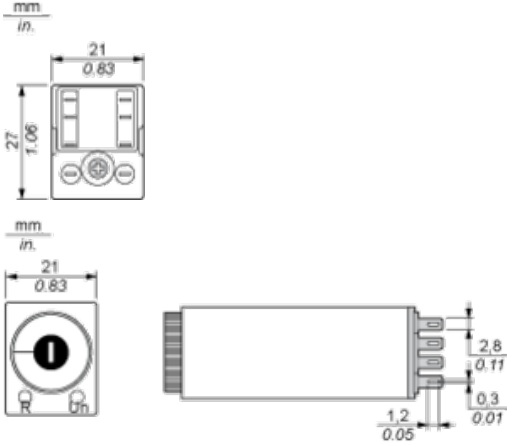
### Contractual warranty

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Warranty	18 months
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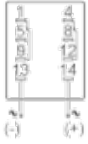
Width 21 mm



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## Terminal Referencing

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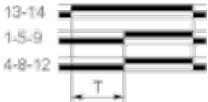
Function A : Power on Delay Relay

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Description

The timing period T begins on energisation. After timing, the outputs close.


2 Timed C/O Contacts




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Legend

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 Relay de-energised

 Relay energised

 Output open

 Output closed

R	Relay output
T	Timing period