Product datasheet

Specifications





single function relay, Harmony Timer Relays, 5A, 4CO, 0.1s.. 100h, on delay, 230V AC

REXL4TMP7

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	4 C/O	
Component name	REXL	
Time delay type	Power on-delay	
time delay range	660 s 110 s 660 min 110 min 0.11 s 10100 h 110 h	
Width	21 mm	

Complementary

-		
Contacts material	Cadmium free	
[Us] rated supply voltage	230 V AC 50/60 Hz	
Voltage range	0.851.15 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	
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	

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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	LED (red) for output in operation LED (yellow) for power ON	
Function available	A- Power on-delay relay-4 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	IEC 61000-6-2 EN 50081-2 IEC 60601-1 IEC 60601-2 73/23/EEC 93/68/EEC 89/336/EEC IEC 61812-1
product certifications	cUL UL
ambient air temperature for operation	-2060 °C
ambient air temperature for storage	-4070 °C
IP degree of protection	IP50 conforming to IEC 60529
Vibration resistance	0.35 mm (f= 1055 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 (0.1580 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	3.1 cm
Package 1 Width	3.1 cm
Package 1 Length	7.5 cm
Package 1 Weight	52.0 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	2.713 kg

Contractual warranty

Warranty 18 months

Sustainability Green Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

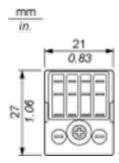
Certifications & Standards

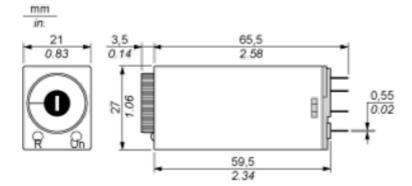
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations

REXL4TMP7

Dimensions Drawings

Width 21 mm





Product datasheet

REXL4TMP7

Connections and Schema

Terminal Referencing



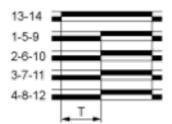
REXL4TMP7

Technical Description

Function A : Power on Delay Relay

Description

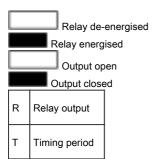
The timing period T begins on energisation. After timing, the outputs close. 4 Timed C/O Contacts $\,$



Product datasheet

REXL4TMP7

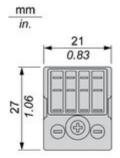
Legend

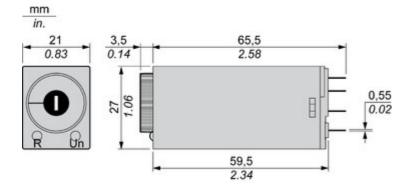


REXL4TMP7

Technical Illustration

Dimensions





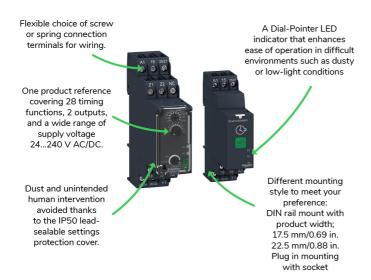
Offer Marketing Illustration

Product benefits / Features

10

Technical Benefits

Harmony Timer Relay



Offer Marketing Illustration

Product benefits / Features



11

Image of product / Alternate images

Alternative









13



