

RE11RBMU

timing on impulse, one shot timing relay - 1 s..100 h - 24..240 V AC - 1 OC

Product availability: Stock - Normally stocked in distribution facility

Price*: 52.00 USD

Main

Commercial Status	Commercialised
Range of product	Zelio Time
Product or component type	Modular timing relay
Discrete output type	Relay
Component name	RE11R
Time delay type	B
Time delay range	0.1...1 s 1...10 h 1...10 min 1...10 s 10...100 h 6...60 min 6...60 s
[Us] rated supply voltage	24...240 V AC 50/60 Hz 24 V DC
Nominal output current	8 A

Complementary

Contacts material	AgNi (cadmium free)
Width pitch dimension	0.69 in (17.5 mm)
Control type	Selector switch on front panel
Voltage range	0.85...1.1 Us
Connections - terminals	Screw terminals, clamping capacity: 2 x 2.5 mm ² + 1 x 4 mm ² with cable end Screw terminals, clamping capacity: 2 x 1.5 mm ² without cable end
Housing material	Self-extinguishing
Repeat accuracy	+/- 0.5 % conforming to IEC 61812-1
Temperature drift	+/- 0.05 %/°C
Voltage drift	+/- 0.2 %/V
Setting accuracy of time delay	+/- 10 % of full scale at 25 °C conforming to IEC 61812-1
Minimum pulse duration	30 ms 100 ms with load in parallel
Reset time	100 ms on de-energisation
On-load factor	100 %
Power consumption in VA	32 VA 240 V
Power consumption in W	1.5 W 240 V 0.6 W 24 V
Minimum switching current	10 mA
Maximum switching current	8 A
Maximum switching voltage	250 V
Breaking capacity	2000 VA
Breaking capacity	80 W
Electrical durability	100000 cycles 8 A at 250 V resistive
Mechanical durability	5000000 cycles
[Uimp] rated impulse withstand voltage	5 kV for 1.2...50 µs conforming to IEC 61812-1 5 kV for 1.2...50 µs conforming to IEC 60664-1
Marking	CE

Creepage distance	4 kV/3 conforming to IEC 60664-1
Surge withstand	2 kV (common mode) conforming to IEC 61000-4-5 level 3 1 kV (differential mode) conforming to IEC 61000-4-5 level 3
Mounting support	35 mm symmetrical mounting rail conforming to EN 50022
Local signalling	LED indicator green pulsing: relay energised, no timing in progress LED indicator green on steady: relay energised, no timing in progress LED indicator green flashing: timing in progress
Product weight	0.13 lb(US) (0.06 kg)

Environment

Immunity to microbreaks	> 10 ms
Dielectric strength	2.5 kV 1 mA/1 minute 50 Hz conforming to IEC 61812-1
Standards	73/23/EEC 89/336/EEC 93/68/EEC EN 50081-1/2 EN 50082-1/2 IEC 60669-2-3 IEC 61812-1
Product certifications	CSA CULus GL
Ambient air temperature for storage	-22...140 °F (-30...60 °C)
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
IP degree of protection	IP50 (front panel) conforming to IEC 60529 IP40 (housing) conforming to IEC 60529 IP20 (terminal block) conforming to IEC 60529
Vibration resistance	0.35 mm (f = 10...55 Hz) conforming to IEC 60068-2-6
Relative humidity	93 % without condensation conforming to IEC 60068-2-3
Resistance to electrostatic discharge	8 kV (in air) conforming to IEC 61000-4-2 level 3 6 kV (in contact) conforming to IEC 61000-4-2 level 3
Resistance to electromagnetic fields	9.14 V/yd (10 V/m), 80 MHz to 1 GHz conforming to IEC 61000-4-3 level 3 9.14 V/yd (10 V/m), 80 MHz to 1 GHz conforming to ENV 50140/204 level 3
Resistance to fast transients	2 kV, direct conforming to IEC 61000-4-4 level 3 1 kV, capacitive connecting clip conforming to IEC 61000-4-4 level 3
Immunity to radioelectric fields	10 V (0.15...80 MHz) conforming to ENV 50141 (IEC 61000-4-6)
Immunity to voltage dips	95 %/5 s conforming to IEC 61000-4-11 60 %/100 ms conforming to IEC 61000-4-11 30 %/10 ms conforming to IEC 61000-4-11
Disturbance radiated/conducted	Class B conforming to EN 55022 (EN 55011 group 1)

Ordering and shipping details

Category	22370 - RE, RM MISC TIMERS & COUNTERS
Discount Schedule	CP2
GTIN	00785901942641
Nbr. of units in pkg.	1
Package weight(Lbs)	0.16
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	FR

Contractual warranty

Period	18 months
--------	-----------