

# RE8RB11BUTQ

industrial timing relay - 0.1..10 s - type K - 24 V  
AC/DC, 110..240 V AC - 1 C/O

Product availability: Stock - Normally stocked in distribution facility



## Main

Commercial Status	Commercialised
Range of product	Zelio Time
Product or component type	Optimum industrial timing relay
Component name	RE8
Time delay type	K
Time delay range	0.1...10 s
[Us] rated supply voltage	24 V AC/DC, 50/60 Hz 110...240 V AC, 50/60 Hz
Sale per indivisible quantity	10

## Complementary

Discrete output type	Relay
Contacts material	90/10 silver nickel contacts
Width pitch dimension	0.89 in (22.5 mm)
Voltage range	0.9...1.1 Us
Connections - terminals	Screw terminals 2 x 2.5 mm <sup>2</sup> , flexible cable without cable end Screw terminals 2 x 1.5 mm <sup>2</sup> , flexible cable with cable end
Tightening torque	5.31...9.73 lbf.in (0.6...1.1 N.m)
Setting accuracy of time delay	+/- 20 % of full scale
Repeat accuracy	< 1 %
Voltage drift	< 2.5 %/V
Temperature drift	< 0.2 %/°C
Minimum pulse duration	26 ms
Reset time	50 ms
Maximum switching voltage	250 V
Mechanical durability	20000000 cycles
[Ith] conventional free air thermal current	8 A
[Ie] rated operational current	<= 0.2 A at 115 V, DC-13 for 158 °F (70 °C) conforming to VDE 0660 <= 0.2 A at 115 V, DC-13 for 158 °F (70 °C) conforming to IEC 60947-5-1/1991 <= 0.1 A at 250 V, DC-13 for 158 °F (70 °C) conforming to VDE 0660 <= 0.1 A at 250 V, DC-13 for 158 °F (70 °C) conforming to IEC 60947-5-1/1991 <= 3 A at 24 V, AC-15 for 158 °F (70 °C) conforming to VDE 0660 <= 3 A at 24 V, AC-15 for 158 °F (70 °C) conforming to IEC 60947-5-1/1991 <= 2 A at 24 V, DC-13 for 158 °F (70 °C) conforming to VDE 0660 <= 2 A at 24 V, DC-13 for 158 °F (70 °C) conforming to IEC 60947-5-1/1991
Minimum switching capacity	10 mA at 12 V
Marking	CE
Overvoltage category	III conforming to IEC 60664-1
[Ui] rated insulation voltage	300 V conforming to CSA 250 V conforming to IEC
Supply disconnection value	> 0.1 Uc
Operating position	Any position without derating factor
Surge withstand	2 kV conforming to IEC 61000-4-5 level 3
Power consumption in VA	2.5 VA at 110 V 0.9 VA at 24 V 13 VA at 240 V
Power consumption in W	0.5 W at 24 V
Terminal description	(15-16-18)OC_ON (A1-B1)CO ALT

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Height	3.07 in (78 mm)
Width	0.89 in (22.5 mm)
Depth	3.15 in (80 mm)
Product weight	0.24 lb(US) (0.11 kg)

## Environment

Immunity to microbreaks	3 ms
Standards	EN/IEC 61812-1
Product certifications	CSA GL UL
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Ambient air temperature for operation	-4...140 °F (-20...60 °C)
Relative humidity	15...85 % 3K3 conforming to IEC 60721-3-3
Vibration resistance	0.35 mm 10...55 Hz conforming to IEC 60068-2-6
Shock resistance	15 gn (duration = 11 ms conforming to IEC 60068-2-27)
IP degree of protection	IP50 (casing) IP20 (terminals)
Pollution degree	3 conforming to IEC 60664-1
Dielectric test voltage	2.5 kV
Non-dissipating shock wave	4.8 kV
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) conforming to IEC 61000-4-3 level 3
Resistance to fast transients	2 kV conforming to IEC 61000-4-4 level 3
Disturbance radiated/conducted	CISPR 11 group 1 - class A CISPR 22 - class A

## Ordering and shipping details

Category	22376 - RELAYS-MEASUREMENT(RM4)
Discount Schedule	CP2
GTIN	00785901708919
Nbr. of units in pkg.	10
Package weight(Lbs)	0.20
Product availability	Stock - Normally stocked in distribution facility
Returnability	Y
Country of origin	ID

## Contractual warranty

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[RE8RB11BUTQ](#)