Product data sheet
Characteristics

RE8RA11B
Optimum industrial timing relay, Harmony Time, 0.1...10 s, type C, 24 V AC/DC, 1 C/O



Commercial status
End of Commercialisation : MAR 31, 2022

⚠ End of Commercialisation

Main

Range of product	Zelio Time
Product or component type	Optimum industrial timing relay
Component name	RE8
Time delay type	C
Time delay range	0.1...10 s
Sale per indivisible quantity	1

Complementary

Discrete output type	Relay
Contacts material	Silver nickel contacts
Width pitch dimension	22.5 Mm
[Us] rated supply voltage	24 V AC/DC 50/60 Hz
Voltage range	0.9...1.1 Us
Connections - terminals	Screw terminals, 2 x 1.5 mm² flexible with cable end Screw terminals, 2 x 2.5 mm² flexible without cable end
Tightening torque	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
Maximum [Ie] rated operational current	2 A DC-13 24 V at 70 °C conforming to IEC 60947-5-1/1991 2 A DC-13 24 V at 70 °C conforming to VDE 0660 3 A AC-15 24 V at 70 °C conforming to IEC 60947-5-1/1991 3 A AC-15 24 V at 70 °C conforming to VDE 0660 0.1 A DC-13 250 V at 70 °C conforming to IEC 60947-5-1/1991 0.1 A DC-13 250 V at 70 °C conforming to VDE 0660 0.2 A DC-13 115 V at 70 °C conforming to IEC 60947-5-1/1991 0.2 A DC-13 115 V at 70 °C conforming to VDE 0660
Minimum switching capacity	At 12 V 10 mA
Input voltage	24 V Y1 terminal(s)
Maximum switching current	10 MA (Y1)
Input compatibility	2-wire sensors DC with leakage current < 1 mA <50 m Y1 terminal(s)
Marking	CE

Overvoltage category	III conforming to IEC 60664-1
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to CSA
Supply disconnection value	> 0.1 Uc
Operating position	Any position without derating
Surge withstand	2 KV conforming to IEC 61000-4-5 level 3
Power consumption in VA	0.7 VA at 24 V
Maximum power consumption in W	0.5 W at 24 V
Terminal description	(A1-A2)CO (Y1)UNUSED (15-16-18)OC_ON
Height	78 Mm
Width	22.5 Mm
Depth	80 Mm
Net weight	0.11 Kg

Environment

Immunity to microbreaks	3 Ms
Standards	EN/IEC 61812-1
Product certifications	CSA[RETURN]UL[RETURN]GL
Ambient air temperature for storage	-40…85 °C
Ambient air temperature for operation	-20…60 °C
Relative humidity	15…85 % 3K3 conforming to IEC 60721-3-3
Vibration resistance	0.35 mm (f= 10…55 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP20 (terminals) IP50 (casing)
Pollution degree	3 conforming to IEC 60664-1
Dielectric test voltage	2.5 KV
Non-dissipating shock wave	4.8 KV
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
Disturbance radiated/conducted	CISPR 11 group 1 - class A CISPR 22 - class A

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.7 Cm
Package 1 Width	8.2 Cm
Package 1 Length	8.5 Cm
Package 1 Weight	97 G

Offer Sustainability

Sustainable packaging	No

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commercialisation

RE8RA11B may be replaced by any of the following products:



RE17RCMU

single function relay, Harmony Timer Relays, 8A, 1CO, 1s..100h, off delay, 24V DC or 24...240V AC DC

Qty 1

Substitution date: |