Product datasheet

Specifications

universal plug-in relay - Zelio RUM - 2 C/O - 230 V AC - 10 A

RUMF2AB1P7

Discontinued on: 31 Oct 2014

End-of-service on: 31 Dec 2014

Discontinued

Main

Range Of Product	Harmony Relay
Series Name	Universal
Product Or Component Type	Plug-in relay
Device Short Name	RUM
Contacts Type And Composition	2 C/O
[Uc] Control Circuit Voltage	230 V AC
[Ithe] Conventional Enclosed Thermal Current	10 A at -40…55 °C
Status Led	Without
Control Type	Lockable test button
Utilisation Coefficient	20 %

Complementary

Shape Of Pin	Flat
[Ui] Rated Insulation Voltage	250 V conforming to IEC 300 V conforming to CSA 300 V conforming to UL
[Uimp] Rated Impulse Withstand Voltage	4 kV
Contacts Material	AgNi
[Ie] Rated Operational Current	10 A AC-1/DC-1 (NO) conforming to IEC 12 A at 28 V DC-1 conforming to UL 16 A at 277 V AC-1 conforming to UL 5 A AC-1/DC-1 (NC) conforming to IEC
Minimum Switching Current	10 mA
Maximum Switching Voltage	250 V AC conforming to IEC 250 V DC conforming to IEC
Minimum Switching Voltage	17 V
Resistive Rated Load	10 A at 250 V AC 10 A at 28 V DC
Maximum Switching Capacity	2500 VA AC 280 W DC
Minimum Switching Capacity	170 mW
Operating Rate	<= 18000 cycles/hour no-load <= 1200 cycles/hour under load
Mechanical Durability	5000000 cycles

Disclaimer: 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

Electrical Durability	100000 cycles for resistive load
Average Coil Consumption In Va	2…3 at 60 Hz
Drop-Out Voltage Threshold	>= 0.15 Uc AC
Operate Time	20 ms
Average Coil Resistance	7200 Ohm at 20 °C +/- 15 %
Rated Operational Voltage Limits	184...253 V AC
Protection Category	RT I
Safety Reliability Data	B10d = 100000
Operating Position	Any position
Net Weight	0.08 kg

Environment

Dielectric Strength	1500 V AC between contacts 1550 V AC between coil and contact 1550 V AC between poles
Product Certifications	GOST UL CSA
Standards	UL 508 CSA C22.2 No 14 EN/IEC 61810-1
Ambient Air Temperature For Storage	-40…85 °C
Ambient Air Temperature For Operation	-40…55 °C
Vibration Resistance	3 gn, amplitude = +/- 1 mm (f = 10…150 Hz)10 cycles in operation conforming to EN/IEC 60068-2-27 4 gn, amplitude = +/- 1 mm (f = 10…150 Hz)10 cycles not operating conforming to EN/IEC 60068-2-27
Ip Degree Of Protection	IP40 conforming to EN/IEC 60529
Shock Resistance	10 gn for in operation 10 gn for not operating
Pollution Degree	3

Contractual warranty

Warranty	18 months