Product data sheet

Specifications

universal plug-in relay - Harmony RUM - 3 C/O - 230 V AC - 10 A - with LED

RUMF3AB3P7

Discontinued

Discontinued on: Oct 31, 2014

End-of-service on: Dec 31, 2014

Main

Range Of Product	Harmony Relay
Series Name	Universal
Product Or Component Type	Plug-in relay
Device Short Name	RUM
Contacts Type And Composition	3 C/O
[Uc] Control Circuit Voltage	230 V AC
[Ithe] Conventional Enclosed Thermal Current	10 A -40…131 °F (-40…55 °C)
Status Led	With
Control Type	Without push-button
Utilisation Coefficient	20 %

Complementary

Shape Of Pin	Flat
[Ui] Rated Insulation Voltage	250 V IEC 300 V CSA 300 V 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 IEC 250 V DC IEC
Minimum Switching Voltage	17 V
Resistive Rated Load	10 A 250 V AC 10 A 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

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Environment

Dielectric Strength	1500 V AC between contacts 1550 V AC between coil and contact 1550 V AC between poles
Product Certifications	GOST CSA UL
Standards	UL 508 CSA C22.2 No 14 EN/IEC 61810-1
Ambient Air Temperature For Storage	-40…185 °F (-40…85 °C)
Ambient Air Temperature For Operation	-40…131 °F (-40…55 °C)
Vibration Resistance	3 gn +/- 1 mm 10…150 Hz)10 cycles in operation EN/IEC 60068-2-27 4 gn +/- 1 mm 10…150 Hz)10 cycles not operating EN/IEC 60068-2-27
Ip Degree Of Protection	IP40 conforming to EN/IEC 60529
Shock Resistance	10 gnin operation 10 gnnot operating
Pollution Degree	3

Ordering and shipping details

Category	21127-ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
Gtin	00785901939771
Returnability	No
Country Of Origin	CN

Contractual warranty

Warranty	18 months