



Commercial status

This Product is Obsolete : OCT 31, 2014

⚠ This Product is Obsolete

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	24 V DC
[Ithe] conventional enclosed thermal current	10 A -40...131 °F (-40...55 °C)
Status LED	Without
Control type	Lockable test button
Utilisation coefficient	20 %

Complementary

Shape of pin	Cylindrical
[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
Load current	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

Electrical durability	100000 Cycles resistive
Average coil consumption	1.4 W
Drop-out voltage threshold	>= 0.1 U _c DC
Operating time	20 ms
Average resistance	470 Ohm 20 °C +/- 10 %
Rated operational voltage limits	19.2...26.4 V DC
Protection category	RT I
Safety reliability data	B10d = 100000
Operating position	Any position
Net weight	0.19 Lb(US) (0.088 kg)

Environment

Dielectric strength	1500 V AC between contacts 1550 V AC between coil and contact 1550 V AC between poles
Product certifications	CSA UL GOST
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 gn in operation 10 gn not operating
Pollution degree	3

Ordering and shipping details

Category	21127-ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
GTIN	00785901708001
Package weight(Lbs)	0.19 Lb(US) (0.084 kg)
Returnability	No
Country of origin	CN

Packing Units

Package 1 Height	0.630 Dm
Package 1 width	0.350 Dm
Package 1 Length	0.355 Dm

Contractual warranty

Warranty	18 months
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Product Life Status : **End of commercialisation**

RUMC3AB1BD is replaced by the following product range:



532

A complete range of general purpose industrial relays, sockets and accessories

Substitution date: |



RUMC31BD

Harmony, Universal plug-in relay, 10 A, 3 CO, with lockable test button, 24 V DC

Qty 1

Substitution date: |