

Product data sheet

Specifications



universal plug-in relay - Harmony RUM - 3 C/O - 48 V DC - 10 A - with LED

RUMF3AB2ED

! 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	48 V DC
[Ithe] conventional enclosed thermal current	10 A -40...131 °F (-40...55 °C)
Status LED	With
Control Type	Lockable test 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 W	1.4 W
Drop-out voltage threshold	>= 0.1 Uc DC
Operate time	20 ms
Average coil resistance	1800 Ohm 20 °C +/- 10 %
Rated operational voltage limits	38.4...52.8 V DC
Protection category	RT I
Safety reliability data	B10d = 100000
Operating position	Any position
Net Weight	0.181 lb(US) (0.082 kg)

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	CSA C22.2 No 14 EN/IEC 61810-1 UL 508
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	00785901548065
Returnability	No
Country of origin	CN

Contractual warranty

Warranty	18 months
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