

RUMF32F7

universal plug-in relay - Zelio RUM - 3 C/O - 120 V AC - 10 A - with LED

Product availability : Stock - Normally stocked in distribution facility



Price* : 12.50 USD



Main

Range of product	Zelio Relay
Series name	Universal
Product or component type	Plug-in relay
Device short name	RUM
Contacts type and composition	3 C/O
Control circuit voltage	120 V AC
[I _{th}] conventional enclosed thermal current	10 A at -40...131 °F (-40...55 °C)
Status LED	With
Control type	Lockable test button
Utilisation coefficient	20 %

Complementary

Shape of pin	Flat
[U _i] rated insulation voltage	250 V conforming to IEC 300 V conforming to UL 300 V conforming to CSA
[U _{imp}] rated impulse withstand voltage	4 kV (1.2/50 μs)
Contacts material	AgNi
[I _e] rated operational current	10 A at 28 V DC (NO) conforming to IEC 10 A at 250 V AC (NO) conforming to IEC 5 A at 28 V DC (NC) conforming to IEC 5 A at 250 V AC (NC) conforming to IEC 10 A at 30 V DC conforming to UL 10 A at 277 V AC conforming to UL 10 A at 30 V DC conforming to CSA 10 A at 277 V AC (same polarity) conforming to CSA
Maximum switching voltage	250 V conforming to IEC
Load current	10 A at 250 V AC

	10 A at 28 V DC
Maximum switching capacity	2500 VA/280 W
Minimum switching capacity	170 mW at 10 mA, 17 V
Operating rate	<= 18000 cycles/hour no-load <= 1200 cycles/hour under load
Mechanical durability	5000000 cycles
Electrical durability	100000 cycles resistive load
Average consumption in VA	3 at 60 Hz
Drop-out voltage threshold	>= 0.15 U _c AC
Operating time	20 ms at nominal voltage
Reset time	20 ms at nominal voltage
Average resistance	1700 Ohm at 20 °C +/- 15 %
Rated operational voltage limits	96...132 V AC
Protection category	RT I
Safety reliability data	B10d = 100000
Operating position	Any position
Product weight	0.19 lb(US) (0.086 kg)
Device presentation	Complete product

Environment

Dielectric strength	2000 V AC between poles with basic insulation 1500 V AC between contacts with micro disconnection insulation 2500 V AC between coil and contact with reinforced insulation
Product certifications	CSA RoHS UL REACH EAC
Standards	EN/IEC 61810-1 UL 508 CSA C22.2 No 14
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 (f = 10...150 Hz), amplitude +/- 1 mm (on 5 cycles in operation) 4 gn (f = 10...150 Hz), amplitude +/- 1 mm (on 5 cycles not operating)
IP degree of protection	IP40
Pollution degree	3
Shock resistance	10 gn 11 ms in operation conforming to EN/IEC 60068-2-27 10 gn 11 ms not operating conforming to EN/IEC 60068-2-27

Ordering and shipping details

Category	21127 - ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
GTIN	00785901324379
Nbr. of units in pkg.	10
Package weight(Lbs)	0.19
Returnability	Y
Country of origin	CN

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1409 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold

Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations
