

# RUMC32F7

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\* : 1250.00 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 <sub>th</sub> ] 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	Cylindrical
[U <sub>i</sub> ] rated insulation voltage	250 V conforming to IEC 300 V conforming to UL 300 V conforming to CSA
[U <sub>imp</sub> ] rated impulse withstand voltage	4 kV (1.2/50 µs)
Contacts material	AgNi
[I <sub>e</sub> ] 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 <sub>c</sub> 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	2
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	00785901724483
Nbr. of units in pkg.	10
Package weight(Lbs)	0.20000000000000001
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 <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>

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

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