



## Main

Range of product	Zelio Relay
Series name	Power
Product or component type	Plug-in relay
Device short name	RPF
Contacts type and composition	2 C/O
[Uc] control circuit voltage	12 V DC
Control type	Without lockable test button
Shape of pin	Flat
Contacts material	Silver tin oxide
[Ithe] conventional enclosed thermal current	25 Aat -40...131 °F (-40...55 °C)for relays side by side without a gap 30 Aat -40...131 °F (-40...55 °C)for 13 mm gap between two relays
Load current	25 Aat 28 V DC 30 Aat 250 V AC
Utilisation coefficient	10 %

## Complementary

Mounting support	DIN rail Panel
Control circuit voltage limits	9.6...13.2 V
[Ie] rated operational current	30 Aat 250 V AC (for NO) conforming to IEC 30 Aat 277 V AC (for NO) conforming to UL 20 Aat 28 V DC (for NO) conforming to UL 3 Aat 250 V AC (for NC) conforming to IEC 3 Aat 28 V DC (for NC) conforming to IEC 3 Aat 277 V AC (for NC) conforming to UL 3 Aat 28 V DC (for NC) conforming to UL 25 Aat 28 V DC (for NO) conforming to IEC
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to UL
[Uimp] rated impulse withstand voltage	4 kV 1.2/50 µs

Maximum switching voltage	250 V conforming to IEC
Maximum switching capacity	7500 VA/700 W
Minimum switching capacity	6000 mW (500 mA/ 12 V)for NO 170 mW (10 mA/ 6 V)for NC
Operating rate	<= 18000 cycles/hour no-load <= 1200 cycles/hour under load
Mechanical durability	5000000 cycles
Electrical durability	100000 cycles resistive load
Average consumption	1.7 W
Drop-out voltage threshold	>= 0.1 U <sub>c</sub>
Operating time	25 ms
Reset time	25 ms
Average resistance	86 Ohm (tolerance +/- 10 %)at 68 °F (20 °C)
Safety reliability data	B10d = 100000
Protection category	RT II
Operating position	Any position
Product weight	0.18 lb(US) (0.082 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 4000 V AC between coil and contact with reinforced insulation
Standards	EN/IEC 61810-1 UL 508 CSA C22.2 No 14
Product certifications	CSA GOST CE UL
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, f = 10...150 Hz) 5 cycles in operation 10 gn (+/- 1 mm, f = 10...150 Hz) 5 cycles not operating
IP degree of protection	IP40 conforming to EN/IEC 60529
Shock resistance	10 gn in operation 30 gn not operating
Pollution degree	3

## Ordering and shipping details

Category	21127 - ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
GTIN	00785901597056
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 0801 - 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>
Product environmental profile	Available

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Product end of life instructions	Need no specific recycling operations
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### Contractual warranty

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Warranty period	18 months
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