

Product data sheet

Characteristics

RPF2AF7

power relay plug-in - Zelio RPF - 2 NO - 120 V AC
- 30 A

Product availability: Stock - Normally stocked in distribution facility
Price*: 10.40 USD



Main

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| Commercial Status | Commercialised |
| Range of product | Zelio Relay |
| Series name | Power |
| Product or component type | Plug-in relay |
| Device short name | RPF |
| Contacts type and composition | 2 NO |
| Control circuit voltage | 120 V AC |
| Shape of pin | Flat |
| Contacts material | Silver tin oxide |
| [lthe] conventional enclosed thermal current | 30 A at -40...131 °F (-40...55 °C) for 13 mm gap between two relays 25 A at -40...131 °F (-40...55 °C) for relays side by side without a gap |
| Load current | 30 A at 28 V DC for 13 mm gap between two relays 30 A at 250 V AC for 13 mm gap between two relays 25 A at 28 V DC for relays side by side without a gap 25 A at 250 V AC for relays side by side without a gap |
| Utilisation coefficient | 10 % |

Complementary

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| Mounting support | DIN rail Panel |
| Rated operational voltage limits | 96...132 V AC |
| [le] rated operational current | 20 A at 28 V DC (for NO) conforming to UL 30 A at 277 V AC (for NO) conforming to UL 30 A at 28 V DC (for NO) conforming to IEC 30 A at 250 V AC (for NO) conforming to IEC |
| [Ui] rated insulation voltage | 300 V conforming to UL 250 V conforming to IEC |
| [Uimp] rated impulse withstand voltage | 4 kV 1.2/50 µs |
| Maximum switching voltage | 250 V DC conforming to IEC 250 V AC conforming to IEC |
| Maximum switching capacity | 7500 VA/840 W 13 mm gap between two relays 6250 VA/700 W relays side by side without a gap |
| Minimum switching capacity | 6000 mW (500 mA/12 V) for NO |
| Operating rate | <= 18000 cycles/hour no-load <= 1200 cycles/hour under load |
| Mechanical durability | 5000000 cycles |
| Electrical durability | 100000 cycles for resistive load |
| Average consumption | 4 VA at 60 Hz |
| Drop-out voltage threshold | >= 0.15 U _c |
| Operating time | 25 ms |
| Reset time | 25 ms |
| Average resistance | 4250 Ohm (tolerance: +/- 15 %) at 68 °F (20 °C) |
| Protection category | RT II |
| Operating position | Any position |
| Product weight | 0.18 lb(US) (0.082 kg) |

Environment

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|---------------------------------------|---|
| Dielectric strength | 1500 V AC between contacts, insulation: micro disconnection 2000 V AC between poles, insulation: basic 4000 V AC between coil and contact, insulation: reinforced |
| Standards | EN/IEC 61810-1 UL 508 CSA C22.2 No 14 |
| Product certifications | CSA GOST 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 | 10 gn (+/- 1 mm, f = 10...150 Hz) 5 cycles not operating 3 gn (+/- 1 mm, f = 10...150 Hz) 5 cycles in operation |
| IP degree of protection | IP40 conforming to EN/IEC 60529 |
| Shock resistance | 30 gn not operating 10 gn in operation |
| Pollution degree | 3 |

Ordering and shipping details

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|-----------------------|---|
| Category | 21127 - ZELIO ICE CUBE RELAYS |
| Discount Schedule | CP2 |
| GTIN | 00785901572787 |
| Nbr. of units in pkg. | 10 |
| Package weight(Lbs) | 0.19 |
| Product availability | Stock - Normally stocked in distribution facility |
| Returnability | Y |
| Country of origin | CN |

Contractual warranty

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|--------|-----------|
| Period | 18 months |
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