



Main

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|------------------------------|-----------------------|
| Product Range | Harmony |
| Product Type | Power relay |
| Switch Function | SPST |
| Contact Composition | NO |
| Contacts Material | Silver alloy contacts |
| [Uc] Control Circuit Voltage | 240 V AC 50-60 Hz |
| Maximum Switching Voltage | 277 V AC 28 V DC |

Complementary

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|---------------------------------|--|
| Load Current | 30 A |
| Operating Position | Any position |
| Rated Power in VA | 470 VA at 240 V on pilot duty |
| Network Frequency | 50-60 Hz |
| Rated Power in HP | 1 Hp at 125 V AC 2 hp at 250 V AC |
| Minimum Switching Capacity | 5 W at 1 A, 5 V DC 12 VA at 1 A, 12 V AC |
| Rated Operational Current | 30 A at 240 V AC-1 30 A at 28 V DC (on resistive load) 24 A at 240 V AC (on resistive load) 98 A at 120 V AC-8a (locked rotor) 22 A at 120 V AC-8a (full load) 10 A at 277 V AC-5a (ballast) |
| Control Circuit Voltage Limits | 0.85...1.1 Uc |
| Average Resistance | 13490 Ohm at 73 °F (23 °C) +/- 10 % |
| Connections Terminals | Faston terminals contact terminal AWG 12...AWG 10, connection size: 6.35 x 0.8 mm Faston terminals coil terminal AWG 22...AWG 14, connection size: 4.8 x 0.5 mm |
| Drop-out Voltage Threshold | >= 0.2 Uc |
| Average Consumption | 2.6 VA |
| Rated Impulse Withstand Voltage | 4 kV 1.2/50 μs |
| Electrical Durability | 100000 Cycles, 30 A at 240 V, AC-1 50000 Cycles for resistive load, 30 A at 28 V, DC 100000 Cycles for resistive load, 24 A at 240 V, AC 30000 Cycles for full load, 22 A at 120 V, AC-8a 1000 Cycles for motor load 6000 cycles for ballast load, 10 A at 277 V, AC-5a |
| Mechanical Durability | 10000000 cycles |
| Operate Time | 20 ms |
| Release Time | 10 ms |
| Dielectric Strength | 2500 V AC between coil and contact 1500 V between contacts with micro disconnection |
| Rated Insulation Voltage | 320 V |
| Mounting Support | Panel flange |
| Protection Category | RT III |
| Product Weight | 0.07 lb(US) (0.032 kg) |

Environment

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|---|--|
| Shock Resistance | 10 gn operating 100 gn not operating |
| Pollution Degree | 3 |
| Vibration Resistance | +/- 0.75 mm 10...55 Hz operating +/- 0.75 mm 10...55 Hz not operating |
| Ambient Temperature Range - Operational | -40...104 °F (-40...40 °C) |
| Ambient Temperature Range - Storage | -40...185 °F (-40...85 °C) |
| Product Certifications | UL |
| Height | 1.97 in (50 mm) |
| Width | 1.07 in (27.3 mm) |
| Depth | 1.09 in (27.8 mm) |
| Standards | UL 60947-4-1 |

Ordering and shipping details

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|-----------------------|-------------------------------|
| Category | 21127 - ZELIO ICE CUBE RELAYS |
| Discount Schedule | CP2 |
| GTIN | 3606489915261 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 1.13 oz (32 g) |
| Returnability | Yes |
| Country of origin | CN |

Packing Units

| | |
|------------------------|-------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 1.09 in (2.78 cm) |
| Package 1 width | 1.07 in (2.72 cm) |
| Package 1 Length | 1.97 in (5 cm) |

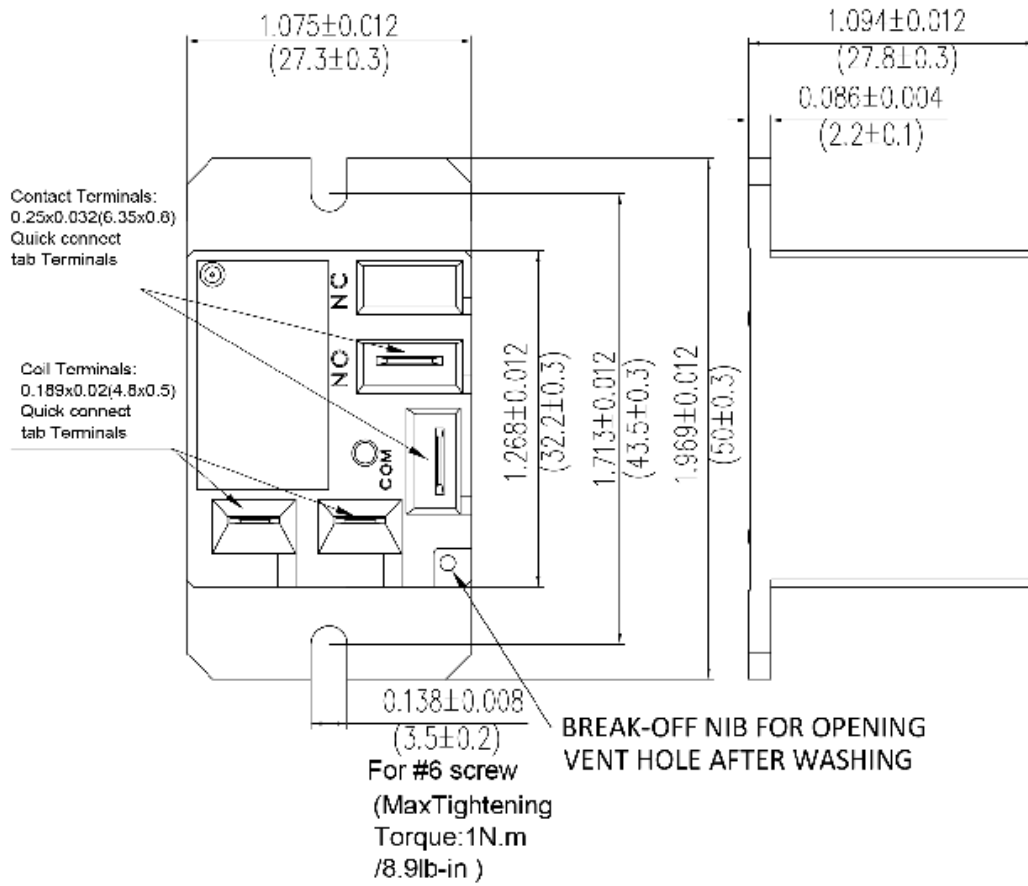
Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Lead free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |
| PVC free | Yes |
| Silicon free | Yes |
| Phenolic free solution | Yes |

Approximate Dimensions

1A

Unit:
in.
(mm)



Connections and Wiring Diagrams

