



## Main

|                              |                       |
|------------------------------|-----------------------|
| Product Range                | Harmony               |
| Product Type                 | Power relay           |
| Switch Function              | SPST                  |
| Contact Composition          | NO                    |
| Contacts Material            | Silver alloy contacts |
| [Uc] Control Circuit Voltage | 24 V DC               |
| Maximum Switching Voltage    | 277 V AC<br>28 V DC   |

## Complementary

|                                 |  |
|---------------------------------|--|
| 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<br>2 hp at 250 V AC   |
| Minimum Switching Capacity      | 5 W at 1 A, 5 V DC<br>12 VA at 1 A, 12 V AC  |
| Rated Operational Current       | 30 A at 240 V AC-1<br>30 A at 28 V DC (on resistive load)<br>24 A at 240 V AC (on resistive load)<br>98 A at 120 V AC-8a (locked rotor)<br>22 A at 120 V AC-8a (full load)<br>10 A at 277 V AC-5a (ballast)  |
| Control Circuit Voltage Limits  | 0.8... 1.1 Uc  |
| Average Resistance              | 660 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<br>Faston terminals coil terminal AWG 22...AWG 14, connection size: 4.8 x 0.5 mm   |
| Drop-out Voltage Threshold      | >= 0.1 Uc  |
| Average Coil Consumption        | 0.9 W  |
| Rated Impulse Withstand Voltage | 4 kV 1.2/50 µs   |
| Electrical Durability           | 100000 Cycles, 30 A at 240 V, AC-1<br>50000 Cycles for resistive load, 30 A at 28 V, DC<br>100000 Cycles for resistive load, 24 A at 240 V, AC<br>30000 Cycles for full load, 22 A at 120 V, AC-8a<br>1000 Cycles for motor load<br>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<br>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)   |

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## Environment

|   |  |
|---|--|
| Shock Resistance                        | 10 gn operating<br>100 gn not operating                                  |
| Pollution Degree                        | 3  |
| Vibration Resistance                    | +/- 0.75 mm 10...55 Hz operating<br>+/- 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

|                       |                               |
|-----------------------|-------------------------------|
| Category              | 21127 - ZELIO ICE CUBE RELAYS |
| Discount Schedule     | CP2                           |
| GTIN                  | 3606489915292                 |
| 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)    |

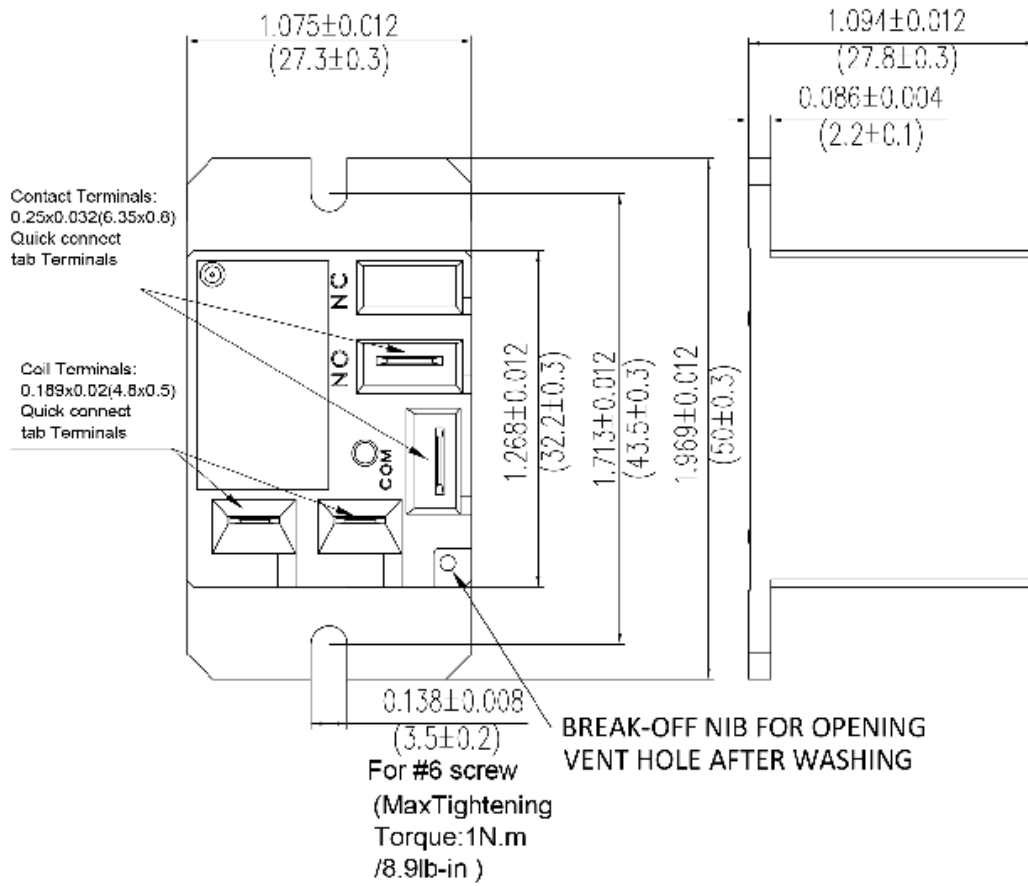
## Offer Sustainability

|                            |   |
|----------------------------|---|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           |  <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant  <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes   |
| Lead free                  | Yes   |
| Mercury free               | Yes   |
| RoHS exemption information |  <a href="#">Yes</a>   |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>  |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        |  <a href="#">End Of Life Information</a>   |
| 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)



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Connections and Wiring Diagrams

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