**Product data sheet**

**RSLZVA1**

screw socket equipped with LED and protection circuit, 12-24 V

Product availability: Stock - Normally stocked in distribution facility

**Price**: $8.78 USD

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**Main**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Range of product</strong></td>
<td>Zelio Relay</td>
</tr>
<tr>
<td><strong>Product or component type</strong></td>
<td>Socket</td>
</tr>
<tr>
<td><strong>Contact terminal arrangement</strong></td>
<td>Separate</td>
</tr>
<tr>
<td><strong>Product compatibility</strong></td>
<td></td>
</tr>
<tr>
<td>Plug-in relay, RSL, 1 C/O, control circuit12 V DC</td>
<td></td>
</tr>
<tr>
<td>Plug-in relay, RSL, 1 C/O, control circuit24 V DC</td>
<td></td>
</tr>
<tr>
<td><strong>Shape of pin</strong></td>
<td>Flat</td>
</tr>
<tr>
<td><strong>Device short name</strong></td>
<td>RSLZ</td>
</tr>
<tr>
<td><strong>Device presentation</strong></td>
<td>Basic element</td>
</tr>
<tr>
<td><strong>Sale per indivisible quantity</strong></td>
<td>10</td>
</tr>
<tr>
<td><strong>Switching voltage</strong></td>
<td></td>
</tr>
<tr>
<td>12 V AC/DC</td>
<td></td>
</tr>
<tr>
<td>24 V AC/DC</td>
<td></td>
</tr>
</tbody>
</table>

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**Complementary**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Ith] conventional free air thermal current</td>
<td>6 A</td>
</tr>
<tr>
<td><strong>System Voltage</strong></td>
<td>&lt; 300 V AC</td>
</tr>
<tr>
<td><strong>Tightening torque</strong></td>
<td>&lt; 0.5 N.m (M2.5)</td>
</tr>
<tr>
<td><strong>Fixing mode</strong></td>
<td>Plastic compression spring mounting on 35 mm symmetrical DIN rail</td>
</tr>
<tr>
<td><strong>Marking</strong></td>
<td>CE</td>
</tr>
<tr>
<td><strong>CAD overall width</strong></td>
<td>0.24 in (6.2 mm)</td>
</tr>
<tr>
<td><strong>CAD overall height</strong></td>
<td>3.09 in (78.6 mm)</td>
</tr>
<tr>
<td><strong>CAD overall depth</strong></td>
<td>3.74 in (95 mm)</td>
</tr>
<tr>
<td><strong>Product weight</strong></td>
<td>0.05 lb(US) (0.023 kg)</td>
</tr>
<tr>
<td><strong>Rated operational voltage limits</strong></td>
<td>11.4...14.4 V 21.6...28.8 V</td>
</tr>
</tbody>
</table>

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Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
Environment

Connections - terminals
Connector, 1 x 0.2...1 x 2.5 mm² / AWG 24...AWG 14 flexible cable with cable end
Connector, 1 x 0.2...1 x 2.5 mm² / AWG 24...AWG 14 solid cable without cable end

Standards
IEC 61984
UL 508

Product certifications
CSA
GOST

Ambient air temperature for storage
-40...185 °F (-40...85 °C)

Ambient air temperature for operation
-40...158 °F (-40...70 °C)

IP degree of protection
IP20 conforming to EN/IEC 60529

Dielectric strength
2500 V

Ordering and shipping details

Category
21127 - ZELIO ICE CUBE RELAYS

Discount Schedule
CP2

GTIN
00785901946199

Nbr. of units in pkg.
10

Package weight(Lbs)
7.0000000000000007E-2

Returnability
Y

Country of origin
CN

Offer Sustainability

Sustainable offer status
Green Premium product

RoHS (date code: YYWW)
Compliant

REACH
Reference not containing SVHC above the threshold

Product environmental profile
Available

Product end of life instructions
Need no specific recycling operations

California proposition 65
WARNING: This product can expose you to chemicals including:

- Substance 1
  Nickel compounds, which is known to the State of California to cause cancer,

- Substance 2
  Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.

- More information
  For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period
18 months
Dimensions
Wiring Diagram

Protection circuit

Example of RSLZ2 Bus Jumper Mounting on Sockets

Side View

(1) A1
(2) A2
(3) Bus jumper polarity A1
(4) Bus jumper polarity A2