

# Product data sheet

## Characteristics

# RSB2A080E7S

interface plug-in relay - Zelio RSB - 2 C/O - 48 V  
AC - 8 A - with socket

Price\*\* : 11.30 USD



RSB2A080E7S has not been replaced. Please contact your customer care center for more information.

⚠ Discontinued

### Main

Range of product	Zelio Relay
Series name	Interface relay
Product or component type	Plug-in relay
Device short name	RSB
Contacts type and composition	2 C/O
Contact operation	Standard
[Uc] control circuit voltage	48 V AC
[Ithe] conventional enclosed thermal current	8 A -40...104 °F (-40...40 °C)
Status LED	Without

### Complementary

Shape of pin	Flat
Average coil resistance	1550 Ohm AC 20 °C +/- 15 %
[Ue] rated operational voltage	38.4...57.6 V AC 50 Hz 40.8...57.6 V AC 60 Hz
[Ui] rated insulation voltage	400 V EN/IEC 60947
[Uimp] rated impulse withstand voltage	3.6 kV IEC 61000-4-5
Contacts material	Silver alloy (Ag/Ni)
[Ie] rated operational current	4 A AC-1/DC-1) NC IEC 8 A AC-1/DC-1) NO IEC
Minimum switching current	5 mA
Maximum switching voltage	300 V DC 400 V AC
Minimum switching voltage	5 V
Maximum switching capacity	2000 VA AC 224 W DC
Resistive rated load	8 A 250 V AC 8 A 28 V DC
Minimum switching capacity	300 mW 5 mA
Operating rate	<= 600 cycles/hour under load <= 72000 cycles/hour no-load
Mechanical durability	30000000 cycles

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

Electrical durability	100000 cycles, 8 A 250 V, AC-1 NO 100000 cycles, 4 A 250 V, AC-1 NC
Operating time	10 ms between coil de-energisation and making of the Off-delay contact 12 ms between coil energisation and making of the On-delay contact
Marking	CE
Average coil consumption	0.75 VA AC 60 Hz
Drop-out voltage threshold	>= 0.15 U <sub>c</sub> AC
Safety reliability data	B10d = 100000
Protection category	RT I
Operating position	Any position
Sale per indivisible quantity	10
Device presentation	Complete product

## Environment

Dielectric strength	1000 V AC between contacts 2500 V AC between poles 5000 V AC between coil and contact
Standards	UL 508 CSA C22.2 No 14 EN/IEC 61810-1
Product certifications	UL GOST CSA
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	+/- 1 mm 10...55 Hz)EN/IEC 60068-2-6
IP degree of protection	IP40 EN/IEC 60529
Shock resistance	10 gn 11 ms) not operating EN/IEC 60068-2-27 5 gn 11 ms) in operation EN/IEC 60068-2-27
Ambient air temperature for operation	-40...158 °F (-40...70 °C) AC -40...185 °F (-40...85 °C) DC

## Ordering and shipping details

Category	21127-ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
GTIN	03389110254914
Package weight(Lbs)	0.00 lb(US) (0.001 kg)
Returnability	No
Country of origin	FR

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause 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	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal 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	No need of specific recycling operations

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WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
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### Contractual warranty

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Warranty	18 months
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