

Lembar data produk

Spesifikasi



interface plug-in relay - Zelio RSB - 2 C/O - 230 V AC - 8 A - with socket

RSB2A080P7S

⚠ **Telah dihentikan pada:** 31 Jan 2023

⚠ **Berakhirnya layanan pada:** 11 Mei 2023

⚠ **Dihentikan**

Main

Range Of Product	Harmony Electromechanical Relays
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	230 V AC
[Ithe] Conventional Enclosed Thermal Current	8 A at -40...40 °C
Status Led	Without
Control Type	Without push-button

Complementary

Shape Of Pin	Flat
Average Coil Resistance	38500 Ohm network: AC at 20 °C +/- 15 %
[Ue] Rated Operational Voltage	184...276 V AC 50 Hz 195.5...276 V AC 60 Hz
[Ui] Rated Insulation Voltage	400 V conforming to EN/IEC 60947
[Uimp] Rated Impulse Withstand Voltage	3.6 kV conforming to IEC 61000-4-5
Contacts Material	Silver alloy (Ag/Ni)
[Ie] Rated Operational Current	4 A (AC-1/DC-1) NC conforming to IEC 8 A (AC-1/DC-1) NO conforming to 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 at 250 V AC 8 A at 28 V DC
Minimum Switching Capacity	300 mW at 5 mA
Operating Rate	<= 600 cycles/hour under load <= 72000 cycles/hour no-load
Mechanical Durability	30000000 cycles

Disklaimer: Dokumentasi ini tidak ditujukan sebagai pengganti dan tidak untuk digunakan untuk menentukan kesesuaian atau keandalan produk ini untuk aplikasi pengguna

Electrical Durability	100000 cycles, 8 A at 250 V, AC-1 NO 100000 cycles, 4 A at 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 _c 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	GOST CSA UL
Ambient Air Temperature For Storage	-40...85 °C
Vibration Resistance	+/- 1 mm (f= 10...55 Hz) conforming to EN/IEC 60068-2-6
Ip Degree Of Protection	IP40 conforming to EN/IEC 60529
Shock Resistance	10 gn (duration = 11 ms) for not operating conforming to EN/IEC 60068-2-27 5 gn (duration = 11 ms) for in operation conforming to EN/IEC 60068-2-27
Ambient Air Temperature For Operation	-40...70 °C (AC) -40...85 °C (DC)

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.6 cm
Package 1 Width	10.5 cm
Package 1 Length	34 cm
Package 1 Weight	51 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	20
Package 2 Height	7.6 cm
Package 2 Width	10.5 cm
Package 2 Length	34 cm
Package 2 Weight	1.215 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	120

Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	7.785 kg

Contractual warranty

Warranty	18 months
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Keberlanjutan

Green Premium™ label adalah komitmen Schneider Electric untuk memberikan produk dengan performa lingkungan terbaik di kelasnya. Green Premium menjanjikan kepatuhan pada peraturan terbaru, transparansi pada dampak lingkungan, serta produk melingkar dan rendah CO₂.

Panduan untuk menilai keberlanjutan produk adalah laporan resmi yang menjelaskan standar label lingkungan global dan bagaimana menafsirkan deklarasi lingkungan.

[Pelajari lebih lanjut tentang Green Premium >](#)

[Panduan untuk menilai keberlanjutan produk >](#)



Transparansi

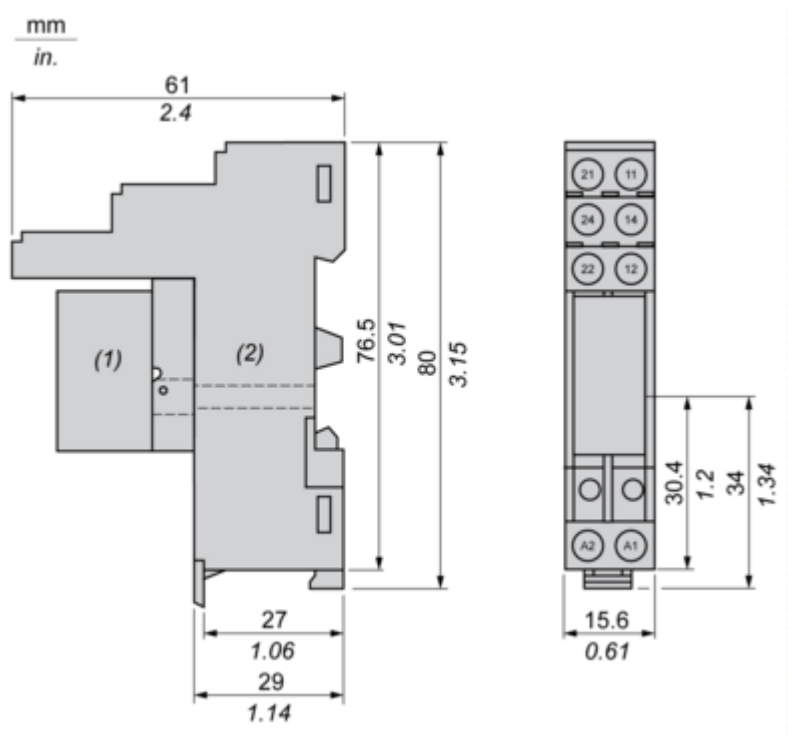
Kinerja kesejahteraan

	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
Eu Rohs Directive		Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation		China RoHS declaration
Environmental Disclosure		Product Environmental Profile
Weee		The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

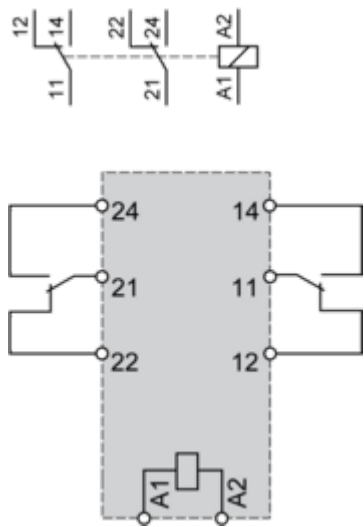
Relay Complete with Socket



- (1) Relays
- (2) Socket

Connections and Schema

Wiring Diagram

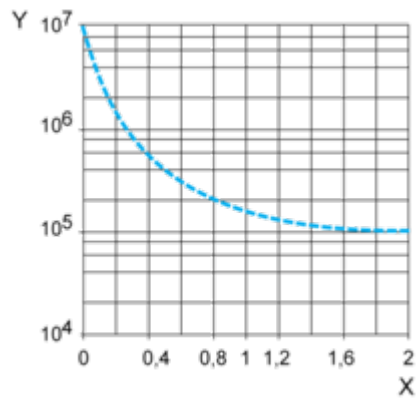


NOTE: For DC input, A1 have to be +, otherwise it would short circuit from protection module

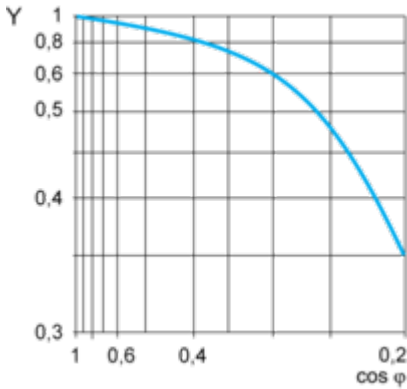
Performance Curves

Electrical Durability of Contacts

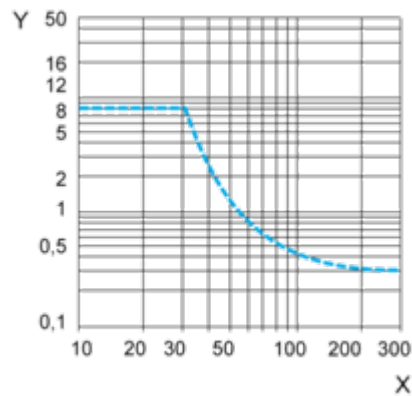
Durability (inductive load) = durability (resistive load) x reduction coefficient.
Resistive AC load



X Switching capacity (kVA)
Y Durability (Number of operating cycles)
Reduction coefficient for inductive AC load (depending on power factor cos φ)



Y Reduction coefficient (A)
Maximum switching capacity on resistive DC load



X Voltage DC
Y Current DC
Note : These are typical curves, actual durability depends on load, environment, duty cycle, etc.