Product data sheet
Characteristics

RSB2A080B7
interface plug-in relay - Zelio RSB - 2 C/O - 24 V AC - 8 A



Main

Commercial Status	Commercialised
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
Contacts operation	Standard
Control circuit voltage	24 V AC
[Ithe] conventional enclosed thermal current	8 A at -40...40 °C
Status LED	Without
Control type	Without pushbutton
Sale per indivisible quantity	10

Complementary

Shape of pin	Flat Flat (PCB type)
Average resistance	400 Ohm (AC) at 20 °C +/- 15 %
Rated operational voltage limits	20.4...26.4 V AC, 60 Hz 19.2...26.4 V AC, 50 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	8 A, NO (AC-1/DC-1) conforming to IEC 4 A, NC (AC-1/DC-1) conforming to IEC
Minimum switching current	5 mA
Maximum switching voltage	400 V AC 300 V DC
Minimum switching voltage	5 V
Maximum switching capacity	224 W (DC) 2000 VA (AC)
Minimum switching capacity	300 mW
Operating rate	<= 72000 cycles/hour no-load <= 600 cycles/hour under load
Mechanical durability	30000000 cycles
Electrical durability	>= 100000 cycles for resistive load at 8 A, 250 V
Operating time	12 ms between coil energisation and making of the On-delay contact 10 ms between coil de-energisation and making of the Off-delay contact
Marking	CE
Protection category	RT I
Operating position	Any position
CAD overall width	13 mm
CAD overall height	29 mm
CAD overall depth	20 mm
Terminals description ISO n°1	(11-14-23)OC (21-22-24)OC (A1-A2)CO
Product weight	0.014 kg

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Resistive rated load	8 A at 28 V DC 8 A at 250 V AC
Average consumption in VA	0.75 AC 60 Hz
Drop-out voltage threshold	>= 0.15 Uc AC

Environment

Dielectric strength	5000 V AC between coil and contact 2500 V AC between poles 1000 V AC between contacts
Standards	EN/IEC 61810-1 UL 508 CSA C22.2 No 14
Product certifications	CSA GOST UL
Ambient air temperature for storage	-40...85 °C
Vibration resistance	10 gn +/- 1 mm (f = 10...150 Hz)10 cycles conforming to EN/IEC 60068-2-6
IP degree of protection	IP40 conforming to EN/IEC 60529
Shock resistance	5 gn for11 ms in operation conforming to EN/IEC 60068-2-27 10 gn for11 ms not operating conforming to EN/IEC 60068-2-27
Ambient air temperature for operation	-40...70 °C (AC)