

Product data sheet

Characteristics

RPF2BBD

utični strujni relej – Zelio RPF – 2 CO – 24 V
DC – 30 A



Main

Range of product	Zelio Relay
Series name	Power
Product or component type	Plug-in relay
Device short name	RPF
Contacts type and composition	2 C/O
[Uc] control circuit voltage	24 V DC
Control type	Without lockable test button
Shape of pin	Flat
Contacts material	Silver tin oxide
[Ithe] conventional enclosed thermal current	25 A -40...55 °C relays side by side without a gap 30 A -40...55 °C 13 mm gap between two relays
Resistive rated load	25 A 28 V DC 30 A 250 V AC
Utilisation coefficient	10 %

Complementary

Mounting support	DIN rail Panel
Control circuit voltage limits	19.2...26.4 V
[Ie] rated operational current	30 A 277 V AC) NO UL 20 A 28 V DC) NO UL 30 A 250 V AC) NO IEC 25 A 28 V DC) NO IEC 3 A 277 V AC) NC UL 3 A 28 V DC) NC UL 3 A 250 V AC) NC IEC 3 A 28 V DC) NC IEC
[Ui] rated insulation voltage	250 V IEC 300 V UL
[Uimp] rated impulse withstand voltage	4 kV 1.2/50 µs
Maximum switching voltage	250 V IEC
Maximum switching capacity	7500 VA/700 W
Minimum recommended switching capacity	6000 mW 500 mA / 12 V NO 170 mW 10 mA / 6 V NC
Operating rate	<= 1200 cycles/hour under load <= 18000 cycles/hour no-load
Mechanical durability	5000000 cycles
Electrical durability	100000 cycles resistive
Average coil consumption	1,7 W
Drop-out voltage threshold	>= 0.1 Uc
Operate time	25 ms
Release time	25 ms
Average resistance	350 Ohm 20 °C +/- 10 %
Safety reliability data	B10d = 100000
Protection category	RT II

Test levels	Level A
Operating position	Any position
CAD overall width	33,7 mm
CAD overall height	68,5 mm
CAD overall depth	39,2 mm
Net weight	0,082 kg
Device presentation	Complete product

Environment

Dielectric strength	2000 V AC between poles basic 4000 V AC between coil and contact reinforced 1500 V AC between contacts micro disconnection
Standards	CSA C22.2 No 14 UL 508 EN/IEC 61810-1
Product certifications	UL GOST CSA CE
Ambient air temperature for storage	-40...85 °C
Ambient air temperature for operation	-40...55 °C
Vibration resistance	3 gn +/- 1 mm 10...150 Hz)5 cycles in operation 10 gn +/- 1 mm 10...150 Hz)5 cycles not operating
IP degree of protection	IP40 EN/IEC 60529
Shock resistance	10 gn in operation 30 gn not operating
Pollution degree	3

Offer Sustainability

Status održive ponude	Proizvod Green Premium
Uredba REACH	 Izjava REACH
Direktiva EU RoHS	Proaktivna sukladnost (proizvod izvan zakonskog okvira direktive EU RoHS)  Izjava EU RoHS
Bez otrovnih teških metala	Da
Bez žive	Da
Informacije o RoHS izuzeću	 Da
Propis RoHS za Kinu	 Izjava RoHS Za Kinu
Izjava o očuvanju okoliša	 Ekološki Profil Proizvoda
Profil cirkularnosti	Nema potrebe za specifičnim operacijama recikliranja
WEEE	Proizvod se na tržištima EU mora odlagati u skladu sa specifičnim propisima o prikupljanju otpada; nikako se ne smije odlagati s komunalnim otpadom.

Contractual warranty

Jamstvo	18 months
---------	-----------