

# RPM1SOC120A

Plug in relay, Zelio Relay, SPDT, power, socket, 120 VAC coil



## Main

Range of Product	Harmony Relay
Series name	Power
Product or Component Type	Plug-in relay
Device short name	RPM
Contacts type and composition	2 C/O
[Uc] control circuit voltage	120 V AC
[Ithe] conventional enclosed thermal current	15 A -40...131 °F (-40...55 °C)
Status LED	Without
Control Type	Lockable test button
Utilisation coefficient	20 %

## Complementary

Shape of pin	Flat
[Ui] rated insulation voltage	250 V IEC 300 V CSA 300 V UL
[Uimp] rated impulse withstand voltage	4 kV 1.2/50 µs
Contacts material	AgNi
[Ie] rated operational current	15 A 277 V AC) UL 15 A 28 V DC) UL 15 A 250 V AC) NO IEC 15 A 28 V DC) NO IEC 7.5 A 250 V AC) NC IEC 7.5 A 28 V DC) NC IEC
Maximum switching voltage	250 V IEC
Resistive load current	15 A 250 V AC 15 A 28 V DC
Maximum switching capacity	3750 VA 420 W
Minimum switching capacity	170 mW 10 mA, 17 V
Operating rate	<= 1200 cycles/hour under load <= 18000 cycles/hour no-load
Mechanical durability	10000000 cycles
Electrical durability	100000 cycles resistive
Average coil consumption in VA	1.1 60 Hz
Drop-out voltage threshold	>= 0.15 U <sub>c</sub> AC
Operate time	20 ms at nominal voltage
Release time	20 ms at nominal voltage
Average coil resistance	4430 Ohm at 68 °F (20 °C) +/- 15 %
Rated operational voltage limits	96...132 V AC
Protection category	RT I
Operating position	Any position
Pollution degree	3
Safety reliability data	B10d = 100000
Net Weight	0.08 lb(US) (0.036 kg)
Device presentation	Complete product

## Environment

Dielectric strength	1500 V AC between contacts with micro disconnection 2000 V AC between coil and contact with reinforced 2000 V AC between poles with basic
Standards	UL 508 EN/IEC 61810-1 CSA C22.2 No 14
Product Certifications	UL CSA EAC
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Ambient air temperature for operation	-40...131 °F (-40...55 °C)
Vibration resistance	3 gn +/- 1 mm 10...150 Hz)5 cycles in operation 5 gn +/- 1 mm 10...150 Hz)5 cycles not operating
Degree of protection (Housing only)	IP40 conforming to EN/IEC 60529
Shock resistance	15 gn in operation 30 gn not operating




## Ordering and shipping details

Category	22750-INDUSTRIAL POINT OF PURCHASE
Discount Schedule	IPOP
GTIN	785901659457
Returnability	No
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.05 in (48.387 cm)
Package 1 Width	7.50 in (19.05 cm)
Package 1 Length	48.39 in (122.903 cm)
Package 1 Weight	2.00 lb(US) (0.907 kg)

## Offer Sustainability

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
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.