

# Product data sheet

Specifications



plug-in relay, Harmony  
electromechanical relays, 15A,  
3CO, with LED, lockable test  
button, 12V DC

RPM32JD

! To be discontinued

! To be discontinued on: Aug 15, 2024

Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 16.47 USD

## Main

Range of Product	Harmony Electromechanical Relays
Series name	Power
Product or Component Type	Plug-in relay
Device short name	RPM
Contacts type and composition	3 C/O
[Uc] control circuit voltage	12 V DC
[Ithe] conventional enclosed thermal current	15 A -40...131 °F (-40...55 °C)
Status LED	With
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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Mechanical durability</b>	10000000 cycles
<b>Electrical durability</b>	100000 cycles resistive
<b>Average coil consumption</b>	1.5 W
<b>Drop-out voltage threshold</b>	>= 0.1 U <sub>c</sub> DC
<b>Operate time</b>	20 ms at nominal voltage
<b>Release time</b>	20 ms at nominal voltage
<b>Average coil resistance</b>	80 Ohm at 68 °F (20 °C) +/- 10 %
<b>Rated operational voltage limits</b>	9.6...13.2 V DC
<b>Protection category</b>	RT I
<b>Test levels</b>	Level A group mounting
<b>Operating position</b>	Any position
<b>Pollution degree</b>	3
<b>Safety reliability data</b>	B10d = 100000
<b>Net Weight</b>	0.119 lb(US) (0.054 kg)
<b>device presentation</b>	Complete product

## Environment

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

## Ordering and shipping details

<b>Category</b>	US10CP221127
<b>Discount Schedule</b>	0CP2
<b>GTIN</b>	3389119402101
<b>Returnability</b>	No
<b>Country of origin</b>	CN

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	1.9 in (4.7 cm)

<b>Package 1 Width</b>	1.2 in (3.1 cm)
<b>Package 1 Length</b>	1.1 in (2.8 cm)
<b>Package 1 Weight</b>	2.0 oz (56 g)
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	1.2 in (3.1 cm)
<b>Package 2 Width</b>	4.06 in (10.3 cm)
<b>Package 2 Length</b>	7.09 in (18 cm)
<b>Package 2 Weight</b>	21.06 oz (597 g)
<b>Unit Type of Package 3</b>	S01
<b>Number of Units in Package 3</b>	80
<b>Package 3 Height</b>	5.9 in (15 cm)
<b>Package 3 Width</b>	5.9 in (15 cm)
<b>Package 3 Length</b>	15.7 in (40 cm)
<b>Package 3 Weight</b>	11.20 lb(US) (5.08 kg)

## Contractual warranty

<b>Warranty</b>	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

 Reach Free Of Svhc

 Rohs Exemption Information [Yes](#)

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	No need of specific recycling operations
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>