# Product data sheet

Specifications





### plug-in relay, Harmony electromechanical relays, 15A, 2CO, with LED, lockable test button, 110V DC

RPM22FD

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

#### Price\*: 8.30 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	2 C/O
[Uc] control circuit voltage	110 V DC
[Ithe] conventional enclosed thermal current	15 A -40131 °F (-4055 °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	
[le] 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	1000000 cycles	

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

Electrical durability	100000 cycles resistive	
Average coil consumption	0.85 W	
Drop-out voltage threshold	>= 0.1 Uc DC	
Operate time	20 ms at nominal voltage	
Release time	20 ms at nominal voltage	
Average coil resistance	13440 Ohm at 68 °F (20 °C) +/- 10 %	
Rated operational voltage limits	88121 V DC	
Protection category	RT I	
Test levels	Level A group mounting	
Operating position	Any position	
Pollution degree	3	
Safety reliability data	B10d = 100000	
Net Weight	0.079 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	CSA C22.2 No 14 IEC 61810-1 UL 508
Product Certifications	UL EAC CSA
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)
Ambient air temperature for operation	-40131 °F (-4055 °C)
Vibration resistance	3 gn +/- 1 mm 10150 Hz)5 cycles in operation 5 gn +/- 1 mm 10150 Hz)5 cycles not operating
Degree of protection (Housing only)	IP40 conforming to IEC 60529
Shock resistance	15 gnin operation 30 gnnot operating

# Ordering and shipping details

Category	US10CP221127	
Discount Schedule	0CP2	
GTIN	3389119401937	
Returnability	No	
Country of origin	CN	

## **Packing Units**

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	0.866 in (2.200 cm)	
Package 1 Width	1.102 in (2.800 cm)	

Package 1 Length	1.969 in (5.000 cm)	
Package 1 Weight	1.305 oz (37.000 g)	
Unit Type of Package 2	BB1	
Number of Units in Package 2	10	
Package 2 Height	1.260 in (3.200 cm)	
Package 2 Width	4.134 in (10.500 cm)	
Package 2 Length	5.000000000 in (12.700 cm)	
Package 2 Weight	14.215 oz (403.000 g)	
Unit Type of Package 3	S01	
Number of Units in Package 3	120	
Package 3 Height	5.906 in (15.000 cm)	
Package 3 Width	5.906 in (15.000 cm)	
Package 3 Length	15.748 in (40.000 cm)	
Package 3 Weight	11.224 lb(US) (5.091 kg)	

### **Contractual warranty**

Warranty

18 months

### Sustainability Screen Premium

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass 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.

Learn more about Green Premium >

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	REACh Declaration
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.
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 www.P65Warnings.ca.gov