Product data sheet

Specification





plug-in relay, Harmony electromechanical relays, 15A, 1CO, with LED, lockable test button, 12V DC

RPM12JD

Product availability: Stock - Normally stocked in distribution facility

Price*: 6.47 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	1 C/O	
[Uc] control circuit voltage	12 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	10000000 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	1.1 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	115 Ohm at 68 °F (20 °C) +/- 10 %
Rated operational voltage limits	9.613.2 V DC
Protection category	RTI
Test levels	Level A group mounting
Operating position	Any position
Pollution degree	3
Safety reliability data	B10d = 100000
Net Weight	0.057 lb(US) (0.026 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
Standards	CSA C22.2 No 14 IEC 61810-1 UL 508
Product Certifications	CSA UL EAC
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	3389119401784
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	0.394 in (1.000 cm)	
Package 1 Width	0.984 in (2.500 cm)	

Package 1 Length	1.772 in (4.500 cm)
Package 1 Weight	0.917 oz (26.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	1.181 in (3.000 cm)
Package 2 Width	3.150 in (8.000 cm)
Package 2 Length	4.331 in (11.000 cm)
Package 2 Weight	9.877 oz (280.000 g)
Unit Type of Package 3	S01
Number of Units in Package 3	160
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	10.183 lb(US) (4.619 kg)

Contractual warranty

Warranty 18 months

Sustainability Screen Premium

Green PremiumTM **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-CO₂ 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