Product data sheet

Specifications





plug-in relay, Harmony electromechanical relays, 15A, 4CO, lockable test button, 24V AC

RPM41B7

Discontinued on: Oct 9, 2023

① Discontinued

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

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	4 C/O
[Uc] control circuit voltage	24 V AC 50/60 Hz
[Ithe] conventional enclosed thermal current	15 A -40131 °F (-4055 °C)
Status LED	Without
Control Type	Lockable test button
Utilisation coefficient	20 %

Complementary

Flat
250 V IEC
300 V CSA
300 V UL
4 kV 1.2/50 μs
AgNi
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
250 V IEC
15 A 250 V AC
15 A 28 V DC
3750 VA
420 W
170 mW 10 mA, 17 V
<= 1200 cycles/hour under load
<= 18000 cycles/hour no-load
1000000 cycles
100000 cycles resistive

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

Average coil consumption in VA	2.5 60 Hz
Drop-out voltage threshold	>= 0.15 Uc AC
Operate time	20 ms at nominal voltage
Release time	20 ms at nominal voltage
Average coil resistance	80 Ohm at 68 °F (20 °C) +/- 15 %
Rated operational voltage limits	19.226.4 V AC
Protection category	RT I
Test levels	Level A group mounting
Operating position	Any position
Pollution degree	3
Safety reliability data	B10d = 100000
Net Weight	0.157 lb(US) (0.071 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 EN/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 EN/IEC 60529
Shock resistance	15 gnin operation 30 gnnot operating

Ordering and shipping details

Category	US10CP221127	
Discount Schedule	0CP2	
GTIN	3389119402125	
Returnability	No	
Country of origin	CN	

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	1.850 in (4.700 cm)	
Package 1 Width	1.575 in (4.000 cm)	
Package 1 Length	1.102 in (2.800 cm)	

Package 1 Weight	2.399 oz (68.000 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	4.134 in (10.500 cm)
Package 2 Length	8.858 in (22.500 cm)
Package 2 Weight	26.279 oz (745.000 g)
Unit Type of Package 3	S01
Number of Units in Package 3	40
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	7.264 lb(US) (3.295 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.

Yes

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

Certifications & Standards

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