

Product data sheet

Specifications



universal plug in relay, Harmony Electromechanical Relays, 10A, 3CO, with LED, lockable test but to n, 230V AC

RUMC32P7

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

Price*: 15.25 USD

Main

Range of Product	Harmony Electromechanical Relays
Series name	Universal
Product or Component Type	Plug-in relay
Device short name	RUM
Contacts type and composition	3 C/O
[Uc] control circuit voltage	230 V AC 50/60 Hz
[Ithe] conventional enclosed thermal current	10 A -40...131 °F (-40...55 °C)
Status LED	With
Control Type	Lockable test button
Utilisation coefficient	20 %

Complementary

Shape of pin	Cylindrical
[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	10 A at 277 V AC conforming to UL 10 A at 30 V DC conforming to UL 10 A at 277 V AC (same polarity) conforming to CSA 10 A at 30 V DC conforming to CSA 5 A at 250 V AC (NC) conforming to IEC 5 A at 28 V DC (NC) conforming to IEC 10 A at 250 V AC (NO) conforming to IEC 10 A at 28 V DC (NO) conforming to IEC
Maximum switching voltage	250 V IEC
Resistive rated load	10 A 250 V AC 10 A 28 V DC
Maximum switching capacity	2500 VA/280 W
Minimum switching capacity	170 mW 10 mA, 17 V
Operating rate	<= 18000 cycles/hour no-load <= 1200 cycles/hour under load
Mechanical durability	5000000 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 in VA	3 60 Hz
Drop-out voltage threshold	>= 0.15 U _c AC
Operate time	20 ms at nominal voltage
Release time	20 ms at nominal voltage
Average coil resistance	6800 Ohm 20 °C +/- 15 %
Rated operational voltage limits	184...253 V AC
Protection category	RT I
Test levels	Level A group mounting
Safety reliability data	B10d = 100000
Operating position	Any position
Net Weight	0.190 lb(US) (0.086 kg)
device presentation	Complete product

Environment

Dielectric strength	1500 V AC between contacts with micro disconnection 2500 V AC between coil and contact with reinforced 2000 V AC between poles with basic
Product Certifications	EAC CSA UL
Standards	UL 508 IEC 61810-1 CSA C22.2 No 14
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 4 gn +/- 1 mm 10...150 Hz)5 cycles not operating
IP degree of protection	IP40
Shock resistance	10 gn 11 ms) in operation IEC 60068-2-27 10 gn 11 ms) not operating IEC 60068-2-27
Pollution degree	2

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480627019
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.7 in (6.9 cm)
Package 1 Width	1.4 in (3.5 cm)

Package 1 Length	1.4 in (3.6 cm)
Package 1 Weight	3.2 oz (92 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	1.6 in (4 cm)
Package 2 Width	5.7 in (14.6 cm)
Package 2 Length	7.9 in (20 cm)
Package 2 Weight	35.03 oz (993 g)
Unit Type of Package 3	S02
Number of Units in Package 3	60
Package 3 Height	5.9 in (15 cm)
Package 3 Width	11.8 in (30 cm)
Package 3 Length	15.7 in (40 cm)
Package 3 Weight	14.35 lb(US) (6.51 kg)

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-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](#)

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