Product datasheet

Main





Harmony Electromechanical Relays, Plug in relay, HARMONY Relay, universal RUM, 2 C/O, 48 V AC, 10 A

RUMC21E7



! Discontinued on: 6 July 2021



Range of product	Harmony Relay
Series name	Universal
Product or component type	Plug-in relay
Device short name	RUM
Contacts type and composition	2 C/O
[Uc] control circuit voltage	48 V AC 50/60 Hz
[Ithe] conventional enclosed thermal current	10 A at -4055 °C
Status LED	Without
Control type	Lockable test button
Utilisation coefficient	20 %

Complementary

orming to IEC	
•	
•	
orming to CSA	
orming to UL	
4 kV (1.2/50 μs)	
AgNi	
V AC conforming to UL	
V DC conforming to UL	
V DC conforming to CSA	
V AC (NC) conforming to IEC	
DC (NC) conforming to IEC	
V AC (NO) conforming to IEC	
V DC (NO) conforming to IEC	
V V AC conforming to CSA	
orming to IEC	
) V AC	
V DC	
30 W	
10 mA, 17 V	
cycles/hour no-load	
cles/hour under load	
rcles	

Average coil consumption in VA	3 at 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	290 Ohm at 20 °C +/- 15 %	
Rated operational voltage limits	38.452.8 V AC	
Protection category	RTI	
Test levels	Level A group mounting	
Safety reliability data	B10d = 100000	
Operating position	Any position	
Net weight	0.086 kg	
device presentation	Complete product	

Environment

Diologtria strongth	4500 \ / A O b at a constant and the color of
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
	UL
	CSA
Standards	UL 508
	EN/IEC 61810-1
	CSA C22.2 No 14
ambient air temperature for storage	-4085 °C
Ambient air temperature for operation	-4055 °C
Vibration resistance	3 gn, amplitude = +/- 1 mm (f = 10150 Hz)5 cycles in operation
	4 gn, amplitude = +/- 1 mm (f = 10150 Hz)5 cycles not operating
IP degree of protection	IP40
Shock resistance	10 gn (duration = 11 ms) for in operation conforming to EN/IEC 60068-2-27
	10 gn (duration = 11 ms) for not operating conforming to EN/IEC 60068-2-27
Pollution degree	3

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.9 cm
Package 1 Width	3.55 cm
Package 1 Length	3.5 cm
Package 1 Weight	83 q



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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