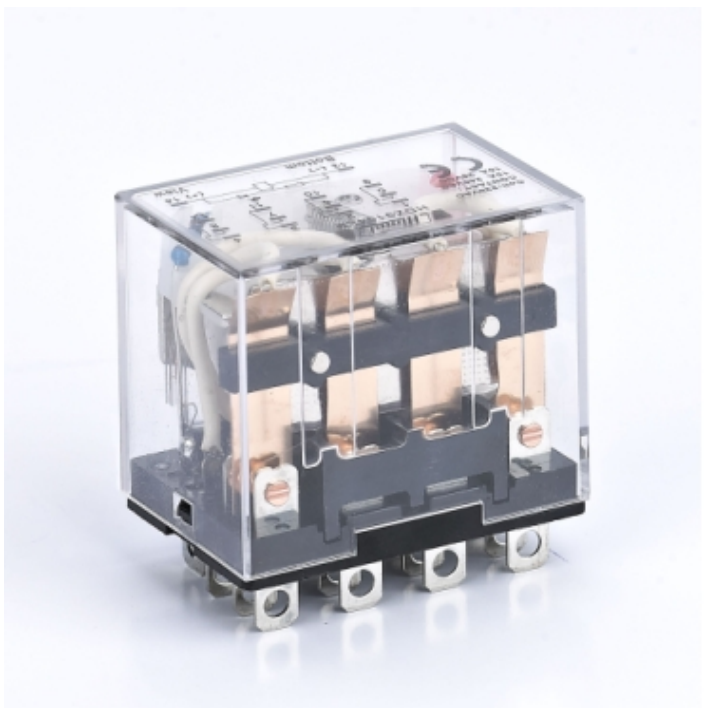
Nov 10, 2026

Product data sheet

HDZ9104LM

Characteristics

Miniature plug-in relay, HDZ9, 10A, 4P, LED AC 220V



Main

Range of product	HDZ9
Series name	Miniature
Product or component type	Plug-in relay
Utilisation coefficient	20 %

Complementary

Contacts type and composition	4 C/O
Shape of pin	Flat
[Uc] control circuit voltage	220 V AC 50/60 Hz
[Ithe] conventional enclosed thermal current	10 A at -25…55 °C
Status LED	LED
[Ui] rated insulation voltage	250 V AC conforming to IEC 28 V DC conforming to IEC
[Uimp] rated impulse withstand voltage	2.5 kV during 1.2/50 µs
Contacts material	Silver alloy contacts
[Ie] rated operational current	10 A at 250 V (AC) conforming to IEC
Load current	10 A at 220 V AC
Maximum switching capacity	2500 VA/280 W
Operating rate	= 1800 cycles/hour under load = 18000 cycles/hour no-load
Mechanical durability	10000000 cycles
Electrical durability	100000 cycles for resistive load
Average consumption	1.2 VA at 50 Hz
Drop-out voltage threshold	>= 0.15 Uc
Operating time	15 ms
Reset time	10 ms
Protection category	RT I
Operating position	Any position
Height	27 mm
Width	41 mm
Depth	35 mm
E-commerce address	Hdz9-ac-classic-type-with-led

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Environment

Dielectric strength	1300 V AC between contacts with micro disconnection
Product certifications	CB CE SEMKO
Standards	IEC 60947-4
Ambient air temperature for storage	-55…70 °C
Ambient air temperature for operation	-25…55 °C
Vibration resistance	3 gn, amplitude = +/- 1 mm (f = 10…55 Hz)5 cycles in operation
IP degree of protection	IP20 conforming to EN/IEC 60529
Shock resistance	10 gn for in operation
Pollution degree	2

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Offer Sustainability

Sustainable packaging	No