Oct 18, 2026

Product data sheet

HDZ9054LN

Characteristics

Miniature plug-in relay, HDZ9, 5A, 4P, LED AC 230V

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	230 V AC 50/60 Hz
[Ithe] conventional enclosed thermal current	5 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	5 A at 250 V (AC) conforming to IEC
Load current	5 A at 230 V AC
Maximum switching capacity	1250 VA/140 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	21 mm
Depth	35 mm
E-commerce address	Hdz9-ac-classic-type-with-led

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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