

Product data sheet

HDZ9054U

Characteristics

Miniature plug-in relay, HDZ9, 5A, 4P, AC 240V



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 | 240 V AC 50/60 Hz |
| [Ithe] conventional enclosed thermal current | 5 A at -25...55 °C |
| [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 240 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 | $\geq 0.15 U_c$ |
| 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-without-led |

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

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

Offer Sustainability

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|-----------------------|----|
| Sustainable packaging | No |
|-----------------------|----|
