

15kV High Voltage Reed Relays (HVR12 / HVR24 Series)

Ultra-High Breakdown Voltage up to 15kV DC | 10kV Switching Capability

Product Overview

Misensor 15kV series high-voltage reed relays provide up to 15,000V DC breakdown voltage across contacts and 10,000V DC switching capability. Available in Form A (Normally Open) and Form B (Normally Closed) configurations with high-voltage silicone flying leads.

Key Features

- 15kV DC minimum breakdown voltage
- 10kV DC maximum switching voltage
- 50W / 200W contact power options
- 12V and 24V DC coil options
- High insulation resistance > 10¹² Ohm
- Compact, epoxy-encapsulated rugged package

Typical Applications

- High-voltage cable & harness testing equipment
- Dielectric breakdown & Hipot test instruments
- High-voltage capacitor discharge & RF switching
- X-ray, laser & medical high-voltage power systems

Technical Specifications & Model Selection

Model	Contact Form	Coil Voltage	Contact Power	Max Switching Voltage	Breakdown Voltage	Max Carry Current
HVR12-1A15-04	1A (SPST-NO)	12V DC	50W	10000V DC	15000V DC	3.0A
HVR12-1A15-06	1A (SPST-NO)	12V DC	50W	10000V DC	15000V DC	3.0A
HVR12-1A15-150	1A (SPST-NO)	12V DC	50W	10000V DC	15000V DC	3.0A
HVR12-1A15-S1	1A (SPST-NO)	12V DC	50W	10000V DC	15000V DC	3.0A
HVR24-1A15-04	1A (SPST-NO)	24V DC	50W	10000V DC	15000V DC	3.0A
HVR24-1A15-06	1A (SPST-NO)	24V DC	50W	10000V DC	15000V DC	3.0A
HVR24-1A15-150	1A (SPST-NO)	24V DC	50W	10000V DC	15000V DC	3.0A
HVR24-1B08-150	1B (SPST-NC)	24V DC	200W	8000V DC	12000V DC	3.0A