

UMS Series / Micro SIL Reed Relays**DESCRIPTION**

The new ultra miniature UMS Relay Series are designed for applications with limited space requirements. The Single In-Line packaging of the UMS relays used by nearly all other manufactures allows for drop-in SIL replacement.

FEATURES

- UL approved
- Ultra miniature size
- Standard in-line package
- Internal diode
- 50% smaller than the standard MS Series relays
- Internal magnetic shield
- PCB through hole mounting
- Hermetically sealed thermoset molded encapsulation
- Dynamically tested contacts
- Millions of reliable operations

APPLICATIONS

- Automated test systems
- PCB test systems
- Closely stacked matrices

MARKETS

- Test & Measurement
- Telecommunications
- Security

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SIL for Very Close
Stacking Matrices!***

At nearly half the size of the standard MS series, the new UMS Relay Series from MEDER measures only 9.5 x 3.6 x 6.85mm. Though nearly 50% smaller, the UMS relays offer the same electrical characteristics as its larger SIL relay equivalent.

Specifically designed with a slim molded body and internal magnetic shield, these UMS relays can be used in very closely stacked matrices often required in test and measurement applications.

SPECIFICATIONS

- Contact Form: 1A (Normally Open)
- Contact rating: 10W
- Switching voltage: 170VAC/DC
- Switching current: 0.5A
- Carry current: 1A
- UL approved

In addition to the internal magnetic shield, the UMS relays also contain an internal diode. The UMS Series reach a contact rating of up to 10W with a maximum switching voltage of 170V and carry current of 1A maximum.

Keeping with the standard (SIL) single in-line packaging, the UMS relays provide a drop-in replacement SIL requiring less PCB space.