

## ISOCOM's High-Power MOSFET Solid-State Relays



**MOSFET SWITCH Solid State Relays (SSR) with even more power in the tightest spaces. ISOCOM doubles the load current in the SOP6 package.**

The new high-current series of MOSFET SSR relays from ISOCOM Limited permits non-wearing, silent, reliable switching within the smallest spaces. The unlimited switching cycles of the MOSFET SSR is particularly beneficial where the service lives of electro-mechanical or reed relays fall short of requirements. The new MOSFET SSRs can switch voltages up to 100 V (AC&DC) and continuous load currents up to 3.0 A. In DC-only mode (parallel configuration of MOSFET transistors at the output) up to 6.0 A is even possible at room temperature.

The low on-resistance and resultant little variation across the temperature range also opens numerous potential applications in measurement and testing, especially where a consistent loop resistance or limiting voltage drop at the switching contact is vital. Typical applications are in satellite, space mission engineering, and aerospace application, enabling input and output units featuring virtually infinite life cycles and absolute maintenance-free operation to be realized with minimal actuation power.

### **Other Applications**

- Control Systems
- Measuring Devices and Technology
- Signal/Alarm Contacts
- Outputs for programmable Controllers
- Pulse and Counter Outputs
- Solar Cells Control

### **The Most Important Advantages at a Glance**

- Compact Design
- No Contact Bounce
- Highly Resistant to shock and vibration
- Linear output characteristics
- No threshold voltage
- Low operate current
- Extremely long lifetime
- Stable ON-resistance over the entire lifetime

*For further information please visit the Isocom website [www.isocom.uk.com](http://www.isocom.uk.com)*

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