



### **TSL Introduce Dual-Input Auto Changeover Distribution Unit**

It has been announced that TSL has expanded its range of world-class power distribution units and will introduce the MDU2-CO2, a dual-input, dual-output power distribution unit at IBC 2009 on Stand 10.B41.

Designed for rack-mounted equipment requiring an uninterruptible power supply, the 1RU MDU-CO2 supplies power to TSL's MDU12 Power Manager series of intelligent mains distribution units and can be mounted either at the front of the MDU12 series, or at the rear of the rack with an optional tie bar.

The dual-input power supplies provided by the MDU-CO2 are routed through a set of master changeover relays with control circuitry that detects power presence. In the event of an input failure, the unit seamlessly switches to a backup power supply in less than 30ms, which means that equipment is unaffected by the changeover. In addition, because of advanced design techniques, no load is taken from the backup supply when the MDU-CO2 is idle.

Power is fed from the MDU-CO2's relays to a double-pole mains switch/circuit breaker on the unit's front panel, which feeds the unit's two outputs for a maximum total power output of 16A. The unit has configurable Master or Slave control capability so that when the master power is restored the unit will switch back to the original source, thus ensuring that backup power isn't used necessarily. Advanced negligible on-resistance relays provide the additional benefits of cool running and lower energy consumption.