# 8-Channel Digital Output Module (Modbus)

The **8-Channel Digital Output Module (Modbus)** is a robust industrial control device designed to reliably switch and control high-voltage loads in automation environments. Using relay-based outputs and Modbus RTU communication, it enables seamless integration with PLCs, SCADA systems, and industrial controllers for dependable output control.

### Key Features

- **8-Channel Relay-Based Outputs:** Provides eight independent relay outputs suitable for controlling motors, lamps, solenoids, and other industrial loads.
- **110–250 VAC Support:** Designed to safely switch standard AC loads commonly used in industrial and commercial applications.
- **10A Relay Rating:** High-current relay contacts ensure reliable switching of heavy loads without performance degradation.
- **Modbus RTU Protocol:** Uses industry-standard RS-485 Modbus RTU communication for stable, long-distance, and noise-immune data transfer.
- **DIP Switch Addressing:** Simple DIP switch configuration allows easy and quick Modbus address setting without additional software.
- **LED Output Indicators:** Individual LEDs for each channel provide instant visual confirmation of relay and output status.

### Typical Applications

This module is ideal for industrial automation, power distribution panels, building automation systems, machine control, and remote switching applications where reliable high-voltage digital output control is required.