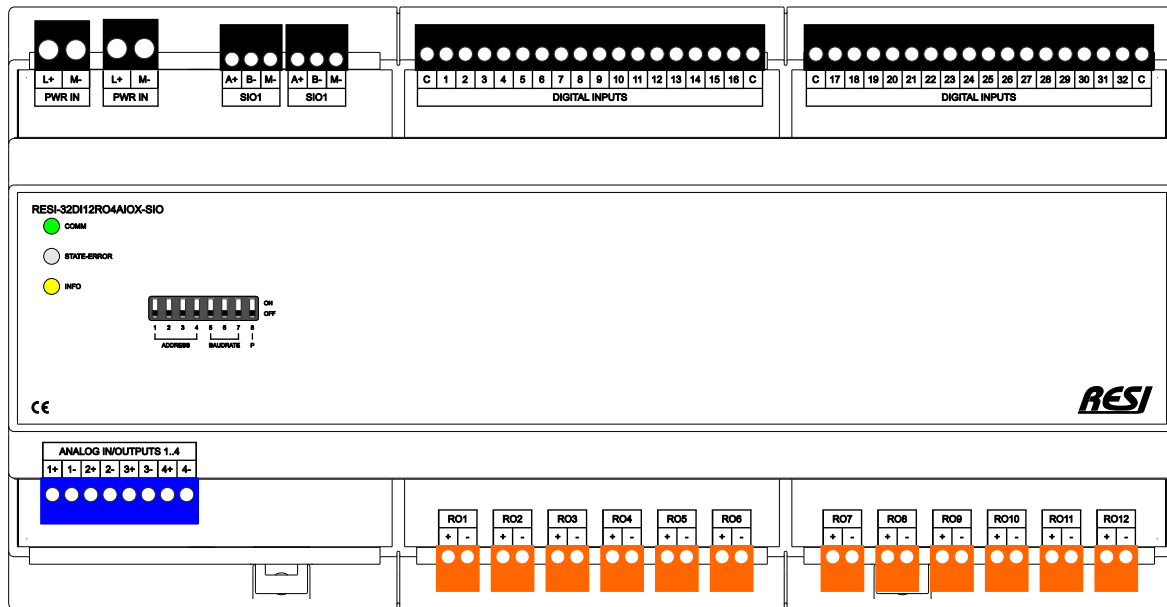


# RESI-32DI12RO4AIOX-SIO

Our powerful IO module for a MODBUS/RTU or ASCII text protocol host with RS485 interface.

The IO module offers 32 digital inputs for DC signals 12-48V= and 12 Form A relay outputs for AC/DC signals, and 4 universal inputs or outputs for analogue or digital signals or RTD sensors.



32 Digital Inputs	LOGIC INPUT	12...48V= ≤1.8mA
12 Relay Outputs	RELAY OUTPUT Form A relays	≤30V= ≤250V~ ≤6A AgSnO <sub>2</sub>
4 Universal Channels  Analog Input or Analog Output or RTD Inputs or Digital Input	ANALOG INPUT 0/2...10V or 0/4...20mA ANALOG OUTPUT 0/2...10V or 0/4...20mA RTD Sensor Input 0...80Ω 80...200Ω 200...10kΩ 10kΩ...20kΩ 20kΩ...100kΩ 100kΩ...200kΩ 200kΩ...1MΩ  LOGIC INPUT or DRY CONTACT	±0.2% 16 Bit ±0.3% 13 Bit  0.5%±0.5 0.3% 0.2% 0.3% 0.8% 1.0% 8.0% 16 Bit ≤40V ≤1.8mA 0.5...24.5mA

XT12 213x110x62mm	12-48V= Power supply	
DIN EN 50022 Snap-on for DIN-Rail	ON-WALL Mounting on-wall	RS485

### Functionality

IO module with 32 digital inputs for 12-48Vdc signals and 12 relay outputs for switching AC or DC signals and 4 universal inputs or outputs. All relay outputs are separated with its own root contact. Each analog channel can be configured to one of the following input or output types:  
 AI: 0/2-10V, 0/4-20mA or AO: 0/2-10V, 0/4-20mA or RTD: 0-1MΩ or DI: max 30Vdc Signals or dry contact