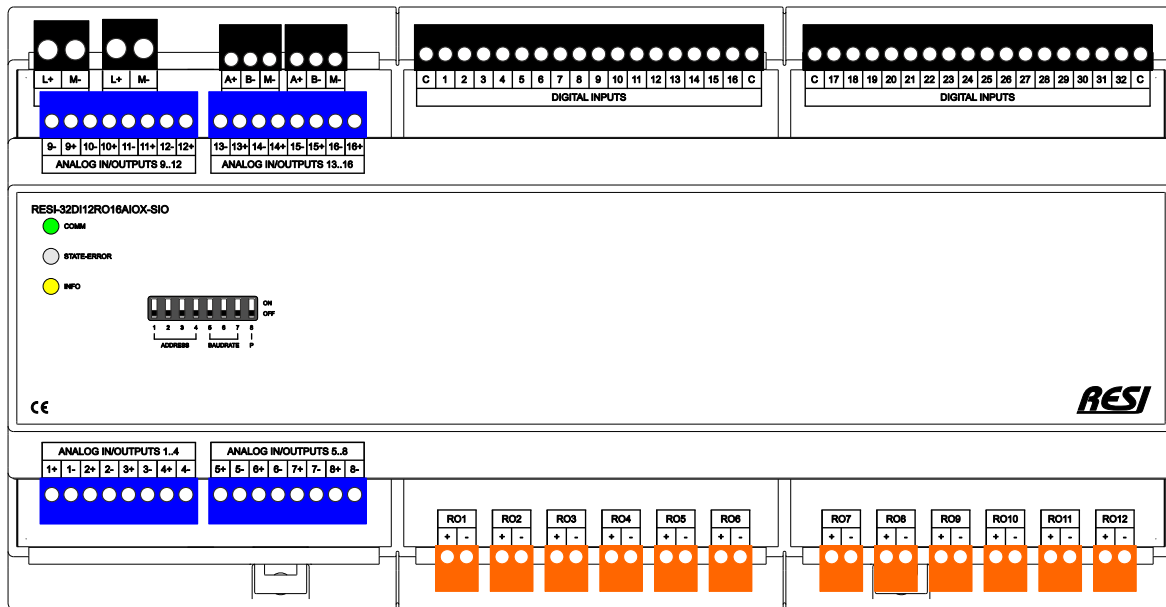


# RESI-32DI12RO16AIOX-SIO

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 $\approx$  and 12 Form A relay outputs for AC/DC signals, and 16 universal inputs or outputs for analogue or digital signals or RTD sensors.



32 Digital Inputs	LOGIC INPUT	12...48V $\approx$ $\leq$ 1.8mA
12 Relay Outputs	RELAY OUTPUT Form A relays	$\leq$ 30V $\approx$ $\leq$ 250V $\sim$ $\leq$ 6A AgSnO <sub>2</sub>
16 Universal Channels	ANALOG INPUT 0/2...10V or 0/4...20mA ANALOG OUTPUT 0/2...10V or 0/4...20mA RTD Sensor Input 0...80 $\Omega$ 80...200 $\Omega$ 200...10k $\Omega$ 10k $\Omega$ ...20k $\Omega$ 20k $\Omega$ ...100k $\Omega$ 100k $\Omega$ ...200k $\Omega$ 200k $\Omega$ ...1M $\Omega$	$\pm$ 0.2% 16 Bit $\pm$ 0.3% 13 Bit 0.5% $\pm$ 0.5 0.3% 0.2% 0.3% 0.8% 1.0% 8.0% 16 Bit
Analog Input or Analog Output or RTD Inputs or Digital Input	LOGIC INPUT or DRY CONTACT	$\leq$ 40V $\leq$ 1.8mA 0.5...24.5mA

XT12 213x110x62mm	12-48V $\approx$ 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 16 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: 0-1M $\Omega$  or DI: max 30Vdc Signals or dry contact