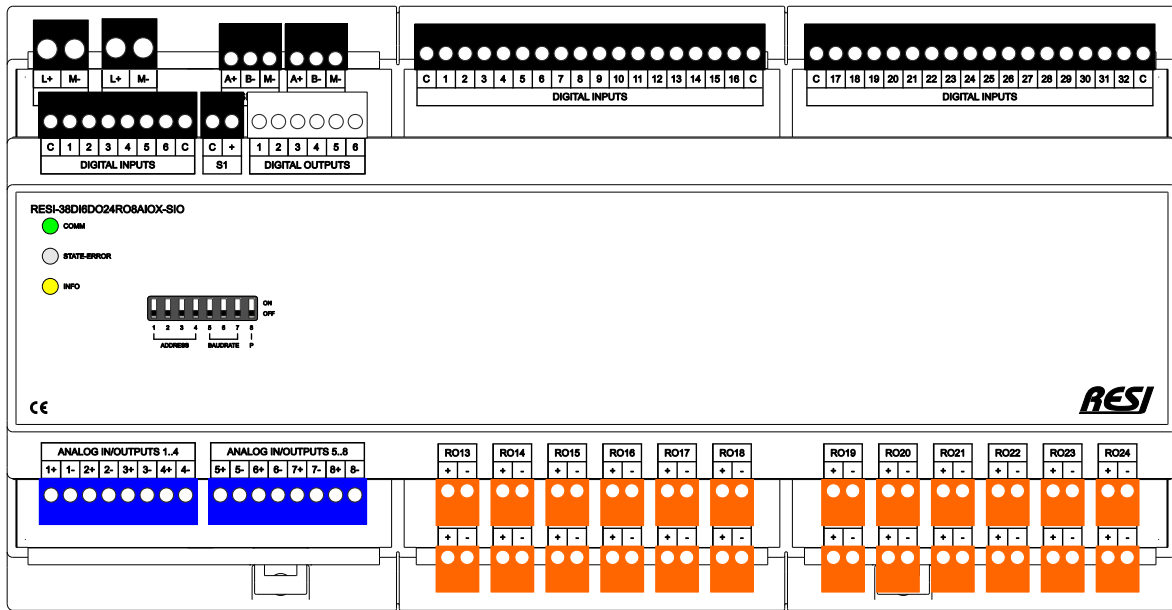


# RESI-38DI6DO24RO8AIOX-SIO

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

The IO module offers 38 digital inputs for DC signals 12-48V= and 6 digital outputs for DC signals ≤30V= and 24 Form A relay outputs for AC/DC signals. and 8 universal inputs or outputs for analogue or digital signals or RTD sensors.



<p>8 Universal Channels</p> <p>Analog Input or Analog Output or RTD Inputs or Digital Input</p>	<p><b>ANALOG INPUT</b> 0/2...10V or 0/4...20mA</p> <p><b>ANALOG OUTPUT</b> 0/2...10V or 0/4...20mA</p> <p><b>RTD Sensor Input</b> 0...80Ω 80...200Ω 200...10kΩ 10kΩ...20kΩ 20kΩ...100kΩ 100kΩ...200kΩ 200kΩ...1MΩ</p> <p><b>LOGIC INPUT or DRY CONTACT</b></p>	<p>±0.2% 16 Bit</p> <p>±0.3% 13 Bit</p> <p>0.5%±0.5 0.3% 0.2% 0.3% 0.8% 1.0% 8.0% 16 Bit</p> <p>≤40V ≤1.8mA 0.5...24.5mA</p>	<p>38 Digital Inputs</p>	<p><b>LOGIC INPUT</b></p>	<p>12...48V= ≤1.8mA</p>
			<p>6 Digital Outputs</p>	<p><b>DIGITAL OUTPUT</b> Output is shortcut &amp; over heat protected. Organized in 1 group with 6 outputs each.</p> <p>Each output group is externally supplied. Max. 1.8A power supply for output group.</p>	<p>≤30V= ≤700mA</p>
			<p>24 Relay Outputs</p>	<p><b>RELAY OUTPUT</b> Form A relays</p>	<p>≤30V= ≤250V~ ≤6A AgSnO<sub>2</sub></p>

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

**Functionality**  
IO module with 38 digital inputs for 12-48Vdc signals and 6 digital outputs for ≤30Vdc signals and 24 relay outputs for switching AC or DC signals and 8 universal inputs or outputs. Each output group detects power supply, overheat or short cut error. All outputs are galvanic-ally insulated from the rest of the module. 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 or dry