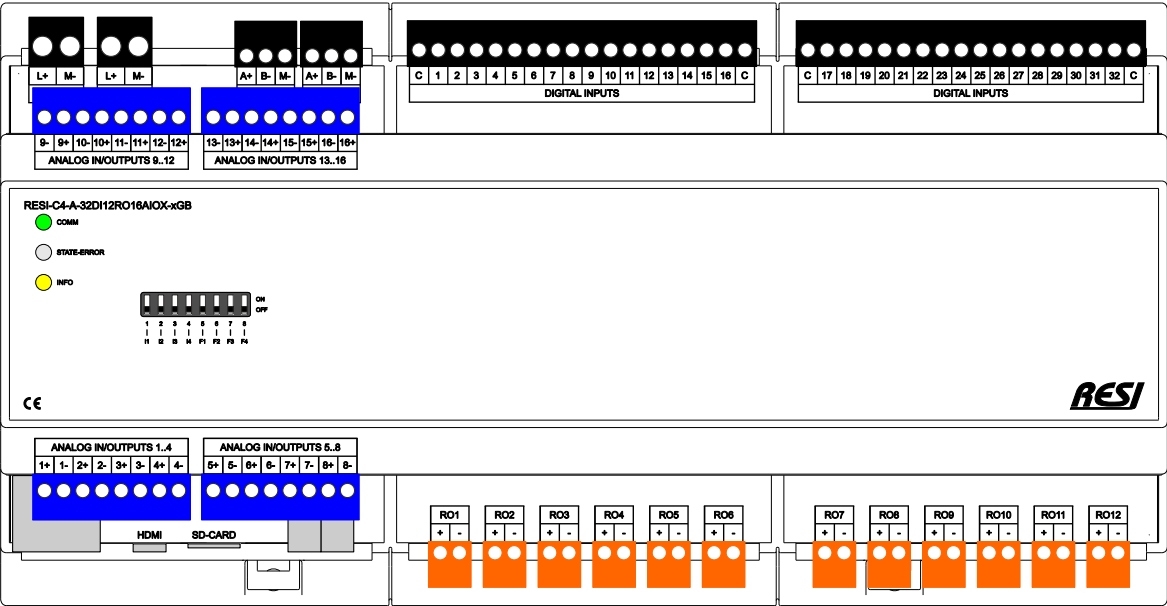


# RESI-C4-A-32DI12RO16AIOX-xGB

Our powerful controller for almost any IoT, Building Automation or Industrial Automation task. Based on the Raspberry Pi® Compute Module 4 with 2/4/8GB build in RAM, 32 GB SD CARD and stable 12-48Vdc power supply, 1xEthernet, 2xUSB 2.0, 1xMini-HDMI. LINUX is preinstalled. Additional versions with preinstalled CODESYS® runtime or Node Red, OpenHAB,... available. The controller offers 32 digital inputs for DC signals 12-48V= 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= ≤1.8mA
12 Relay Outputs	RELAY OUTPUT Form A relays	≤30V= ≤250V~ ≤6A AgSnO <sub>2</sub>
16 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
Functionality IoT controller 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: 0-1MΩ or DI: max 30Vdc Signals or dry contact		

XT12 213x110x62mm	12-48V= Power supply	
DIN EN 50022 Snap-on for DIN-Rail	ON-WALL Mounting on-wall	Raspberry Pi CM4® inside