

## LX-BMS-M32-BAC

- Freely Programmable Intelligent Controller
- 32 Flexible I/O Points (8DI, 8AI, 16DI/UO)
- Ethernet Communication (BACnet/IP)
- Detachable Spring Connectors
- Powerful ARM Cortex-A72 Processor
- Versatile and Fast Functionality
- Robust Single-Piece Design
- Expansion with I/O Modules
- Powerful Flexibility & Scalability

## M32 MULTICONTROLLER

The Lonix BAC Series M32 MultiController, applying the latest technologies and modern design, ensure advanced controls and versatile functionality in complex control systems, all included in a robust single-piece design. The versatile M32 is perfectly suited for any type of sophisticated controls, such as HVAC systems controls and room automation of homes, hotel guest rooms, offices and business spaces.

The M32 MultiController allows for flexible use of I/O with universal inputs and outputs. Having all the intelligence for complex controls as embedded in each controller, the M32 supports distributed intelligence and centralized system designs alike. M32 is connected with SCADA like COBA Building Operation System via BACnet/IP.

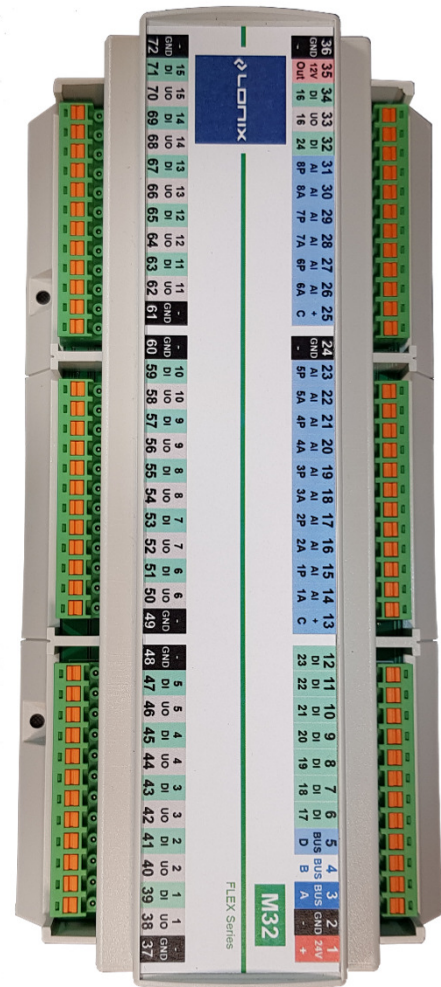
M32 can act as Modbus master for intelligent local sensors or operating panels. External touch screen can be connected to via HDMI cable. I/O capacity can be expanded with I/O modules.

## I/O EXPANSION MODULES

- LX-BMS-BAC-IO40 (16UO,16DI/DO, 8AI)
- Size (W x H x D): 213 x 110 x 62 mm
- LX-BMS-BAC-DI16 (16DI), Size: 71 x 110 x 62 mm
- LX-BMS-BAC-UO16 (16UO), Size: 71 x 110 x 62 mm
- LX-BMS-BAC-AI8 (8AI), Size: 71 x 110 x 62 mm

## LONIX SOLUTIONS

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## TECHNICAL DATA

<b>Operating Voltage:</b>	24VDC ( $\pm 10\%$ ), 16-26 VAC
<b>Operating Temperature:</b>	0-50°C
<b>Main Processor:</b>	ARM Cortex-A72
<b>Network Interfaces:</b>	BACnet/IP, IoT, Modbus
<b>Memory:</b>	2 GB SDRAM (minimum)
<b>DI:</b>	Potential free contact
<b>AI:</b>	0(2)-10 VDC, Resistive Sensors
<b>DO:</b>	24 VDC, Max 250 mA
<b>AO:</b>	0-10 VDC, 20 mA
<b>IP Class:</b>	IP20
<b>Dimensions:</b>	213 x 110 x 62 mm
<b>Mounting:</b>	35 mm DIN rail
<b>Connection Strips:</b>	Removable, wire max 2,5 mm2
<b>Connectivity:</b>	Gigabit Ethernet, HDMI, USB 3.0
<b>EMC Compatibility:</b>	Compliance according to EN 55022, EN 61000-4-3 and EN 61000-4-5
<b>Production Standards:</b>	ISO-9001, ISO-14001

**ORDER CODE: LX-BMS-M32-BAC**