

LX-BMS-M32-BAC

- Freely Programable 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 FLEX 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.

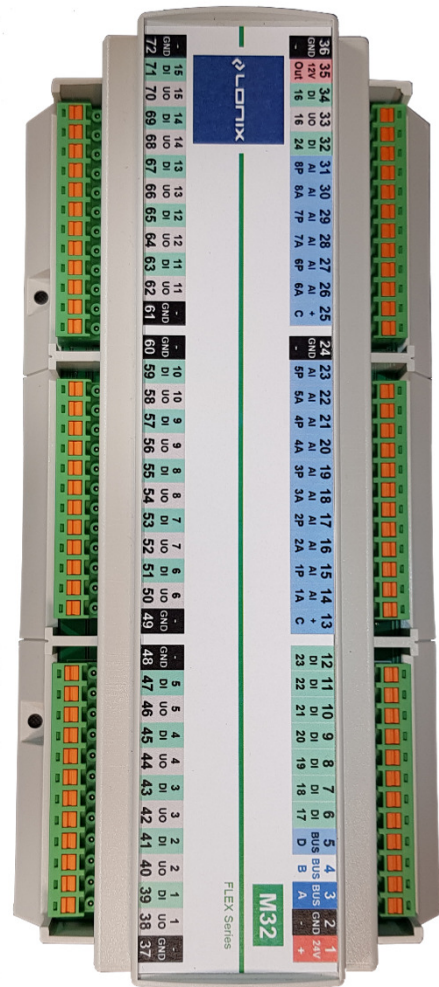
M32 can act as Modbus master for intelligent local sensors or operating panels. External touch screen can be connected to via HDMI cable. I/O capacity can be expanded with I/O modules.

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 LTD

Hämeentie 153 C, FI-00560 Helsinki, Finland
Tel: +358 9 349 9853, www.lonix.com



TECHNICAL DATA

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

ORDER CODE: LX-BMS-M32-BAC