

XNC I/O Extension Module Series

Overview

The XNC I/O extension modules are I/O points supplement modules of bus type to XNC series AI Edge Controllers, which are part of Advenco LUBAN solutions. The modules are designed for a wide variety of complex applications, such as cooling, heating, water supply and drainage, lighting, air handling unit and ventilation systems, etc. These devices feature RS485 ports for BACnet™ MS/TP, Modbus RTU.



Features

- Delivers high performance with ARM Cortex-M4 32-bit MCU.
- Standard BACnet MS/TP communications protocol application.
- BACnet Auto-Discovery enables seamless integration of new devices with no manual configuration.
- Pluggable terminal blocks for easy installation and maintenance.
- Modern design LED to show the operational status of the controller.
- Standard DIN rail mounting.

Ordering Information

Product Number	RS485 ↑ Port	Onboard I/O
BAC-3342-070	1	7RO
BAC-3342-090	1	6DI 3DO
BAC-3342-100	1	4UI 6DI
BAC-3352-150	1	4UI 8DI 3DO
BAC-3352-200	1	4UI 3AO 10DI 3DO

Product Specification

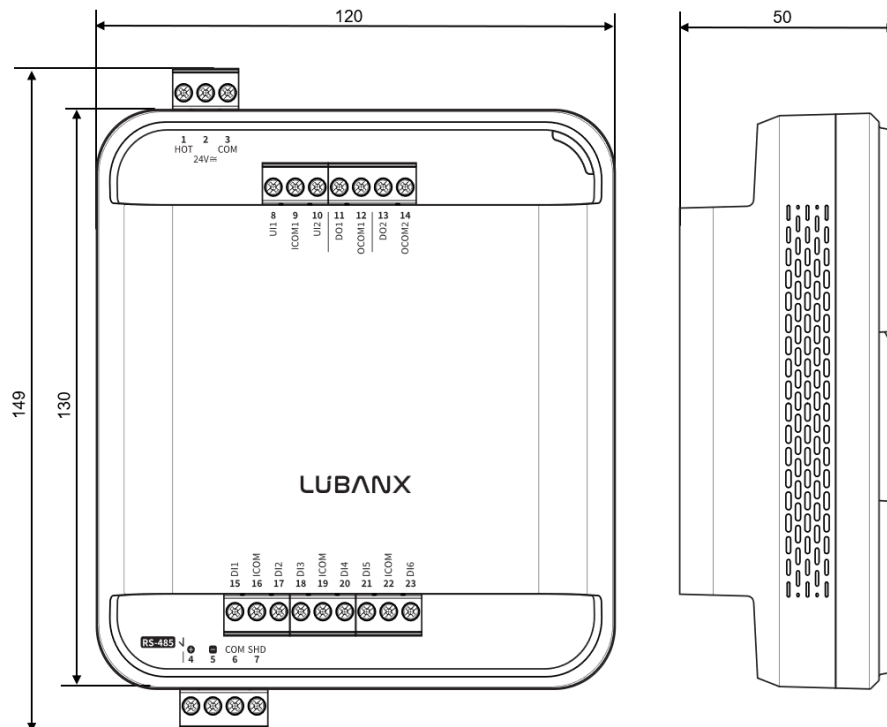
Processor	ARM Cortex-M4 32-bit
Memory	256KB flash memory and 48KB SRAM
Power Requirement	24 VAC±20%, 50/60Hz; 24 VDC (-10%~+20%)
Power Consumption	12 VA (Typical)
Environment	Operating: -4°F to 122°F (-20 to 50°C); 10 to 90% RH non-condensing Storage: -40°F to 158°F (-40 to 70°C); 5 to 95% RH non-condensing
Communications Protocol	BACnet MS/TP, Modbus RTU
Terminations	I/O: Pluggable terminal blocks Power Supply & RS485: 2-wire or 3-wire pluggable terminal blocks
Protection	IP20(IEC529)
Housing Material	ABS+PC
Certification	CE, RoHS, REACH

Mounting	35mm DIN rail mounting (horizontal orientation)
Dimensions (W×H×D)mm	BAC-3342-070/BAC-3342-090/BAC-3342-100: 120 ×149 × 50 BAC-3352-150/BAC-3352-200: 160 ×149 × 50
Weight	BAC-3342-070/BAC-3342-090/BAC-3342-100: 0.55kg BAC-3352-150/BAC-3352-200: 0.45kg

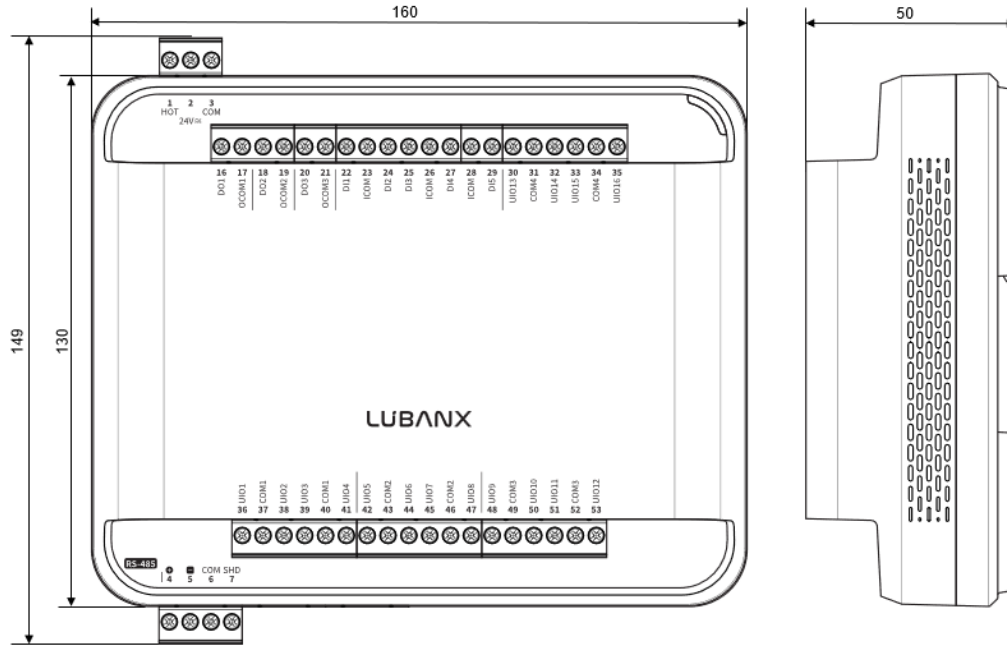
Input/Output	
UI	0-10VDC, 4-20mA, Resistance, Dry contact
AO	0-10VDC, 4-20mA
DO	TRIAC output 24 VAC (requires external power supply)
RO	Relay output 24V (supporting AC and DC)
DI	Dry Contact, Pulse counting (Max.50Hz)
UI Resolution	Use 16-bit resolution
AO Resolution	Use 16-bit resolution

Dimensions (mm)

BAC-3342-070/BAC-3342-090/BAC-3342-100:



BAC-3352-150/BAC-3352-200:



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