

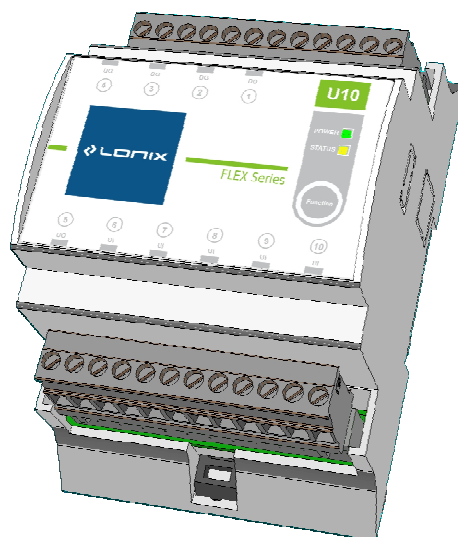
FLEX Series UnitController U10

LX-BMS-U10

The FLEX Series UnitController U10 is dedicated for room automation and unit controls. Comprising 10 flexible I/O points (5UI, 2UO, 3DO) and having a selection of built-in applications easily available, the UnitController is especially suited for controls of hotel guest rooms, office rooms and business spaces as well as fan coil units and split units. Having all the intelligence for complex controls as embedded in each controller, the UnitController supports distributed intelligence and centralized system designs alike.

The system can be easily expanded through the bus plug-in feature available in each controller, allowing controllers to be easily plugged straight into the next controller without any external wiring. Additional operating voltage output 12VDC is available to supply power for e.g. the occupancy detector.

- 32-bit ARM processor
- 10 Flexible I/O Points
- Selection of Built-in Applications
- Robust Single-Piece Design
- Expansion with Bus Plug-in Feature
- Dedicated for Room Automation and Unit Controls



Flexible I/O Points

- 5 UI
- 2 UO
- 3 DO
- Application specific controllers

Front Panel

- Power led
- Status led
- Function button

Order Code

- LX-BMS-U10

Technical Data

Operating Voltage:	24V AC/DC ($\pm 10\%$)
Operating Temperature:	10-50°C
Power Required:	0.9 W (with no I/O connected)
Overload Protection:	Resettable automatic fuse
Main Processor:	ARM Cortex™ M4 (Kinetis K10)
Network Processor:	Echelon FT-5000
Network Interface:	TP/FT-10 channel
Memory:	256 kb Flash, 64kb SRAM
Clock Frequency:	50 MHz
DI:	Potential free contact
AI:	0-10 VDC, Pt1000, Ni1000-LG
DO:	Open collector, max 750 mA/controller
AO:	0-10 VDC, 20 mA
IP Class:	IP20
Size:	110 x 71.30 x 62 mm (4M width)
Mounting:	35 mm DIN rail
Connection Strips:	Detachable, wire max 2,5 mm2
EMC Compatibility:	Compliance according to EN 55022, EN 61000-4-3 and EN 61000-4-5
Production Standards:	ISO-9001, ISO-14001