

Facility Explorer

Medium User Interface (MUI) Version 3

Description

The MUI is a remote user interface device for the FX Platform that supports FX06, FX07, FX14, FX15, FX16, and FXVMA controllers. You can use the MUI as a portable hand held unit, or permanently mount it in a panel or on the wall.

The MUI provides an easy way for the building operator or maintenance engineer to monitor and adjust the operation of the FX field controller. You can configure the MUI to receive event and alarm messages, to change time schedules, and to display event and trend log data. Access to data and operating commands are controlled by passwords.

With the FXVMA, the MUI functions as an airflow balancing tool to support the commissioning of Variable Air Volume (VAV) units.

The MUI presents data in a text format on a 4-line x 26-character backlit Liquid Crystal Display (LCD) and on an array of Light-Emitting Diodes (LEDs) for quick recognition of equipment operating status.

The format of the MUI is fully configurable using the FX Builder software package.

The MUI is a cost-effective solution for monitoring, commissioning, and servicing your building control system installation.

Refer to the *Medium User Interface (MUI) Version 3 Product Bulletin (LIT-12011578)* for important product application information.



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Features

- menu driven operation
- password access control
- event summary
- event history
- trend log
- time scheduling
- VAV box air balancing
- fully programmable
- local panel mounting
- remote mounting

Repair Information

If the Medium User Interface fails to operate within its specifications, replace the unit. For a replacement MUI, contact the nearest Johnson Controls® representative.

Selection Chart

Code Number	Description
LP-DIS60P20-0C	Medium User Interface (MUI) Version 3 (non-isolated version); can be mounted up to 3 m (9.8 ft) from the FX controller and includes panel mounting hardware.
LP-DIS60P21-0C	Medium User Interface (MUI) Version 3 (isolated version); can be mounted up to 300 m (1,000 ft) from the FX controller and includes panel and wall mounting hardware.
LP-KIT007-000C	Link cable for the connection of the MUI Version 3 LP DIS60P20-0C (non-isolated panel mount version) to the FX07, FX14, FX15, and FX16 controller – 3 m (9.8 ft).
LP-KIT007-005C	Link cable for the connection of the MUI Version 3 LP DIS60P20-0C (non-isolated panel mount version) to the FX06 controller – 3 m (9.8 ft).
LP-KIT060-000C	MUI Panel Mount Kit. Contains the mounting hardware (bezel, gaskets, clips, and connector) for one MUI as spare parts. All parts included with MUI Version 3.

Technical Specifications

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Product	Medium User Interface (MUI) Version 3
Power Requirements	LP-DIS60P20-0C – Powered from the FX controller LP-DIS60P21-0C – Universal power supply: 9 to 48 VDC, or 12 to 24 VAC Safety Extra-Low Voltage – SELV (Europe) or Class 2 supply (North America)
Power Consumption	200 mA or 2.5 W maximum at 9 to 48 VDC 3.5 VA maximum at 12 to 24 VAC
Ambient Operating Conditions	-20 to +60°C (-4 to +140°F) 10 to 90% RH (noncondensing)
Ambient Storage Conditions	-20 to +70°C (-4 to +158°F) 10 to 90% RH (noncondensing)
Display and Keypad	LCD: 4 lines x 26 characters backlit Keypad: 6 buttons LEDs: 2 x 5 array
Shipping Weight	0.4 kg (0.9 lb)
Housing Protection	IP30 for hand-held and wall mounting applications IP54 for panel mounting applications
Housing Material	Polycarbonate + ABS (GE CYCOLOY), self-extinguishing UL94V-0
Dimensions (H x W x D)	72 x 194 x 40 mm (2.83 x 7.64 x 1.57 in.) Width = 185 mm (7.28 in.) without panel mount bezel
CE and UL Compliance	Europe – 2004/108/EC, EMC Directive: EN 61000-6-3, EN 61000-6-1
	Canada – UL Listed (PAZX7), CAN/CSA C22.2 No. 205, Signal Equipment – Industry Canada, ICES-003
	United States – UL Listed (PAZX), UL 916, Energy Management Equipment – FCC compliant to CFR 47, Part 15, Subpart B, Class A