FX-DIS Local Controller Display Catalog Page

FX-DIS1710-0

The Facility Explorer Local Controller Display (FX-DIS) provides a local user interface for the Facility Explorer General Purpose Programmable Controllers (FX-PCGs) and Facility Explorer Programmable VAV Box Controllers (FX-PCVs). The FX-DIS is a stand-alone display module that you can install on the front panel of an enclosure. The FX-DIS connects to the FX-PCG and FX-PCV controllers and allows you to monitor control values, adjust setpoints, issue commands, change occupancy, and perform many other important tasks.

Refer to the *FX-DIS Local Controller Display Product Bulletin (LIT-12011667)* for important product application information.

Features

- At-a-Glance System Status
- Complete Access to Operating Parameters and Setpoints
- Menu-Based Screen Design
- Tactile-Feel Keypad
- Backlit Liquid Crystal Display (LCD)
- Customized User Preferences
- Password Protection (Optional)

- Easy Panel Installation
- Compatibility with All FX-PCVs and FX-PCG Models without Integral Displays

If the FX-DIS fails to operate within its specifications, replace the unit. For a replacement display, contact the nearest Johnson Controls® representative.

Figure 1: FX-DIS Local Controller Display

Ordering Information

Contact the nearest Johnson Controls® representative to order the Facility Explorer Local Controller Display and other related products. Specify the product code number from *Table 1*.

Table 1: Ordering Information

Product Code Number	Description
FX-DIS1710-0	Local Controller Display for FX-PCG1611, FX-PCG2611, FX-PCV1610, and FX-PCV1620

See *Table 2* for accessories available for the FX-DIS Local Controller Display.

Table 2: FX-DIS Local Controller Display Accessories Ordering Information

Product Code Number	Description
FX-BTCVT-1	Bluetooth® Commissioning Converter

Technical Specifications

Table 3: FX-DIS Local Controller Display System Requirements

Product Code Number	FX-DIS1710-0 Local Controller Display
Power Requirement	Nominal 15 V Provided by Controller Over SA Bus
Power Consumption	2 VA Maximum
Ambient Operating Temperature	0 to 50°C (32 to 122°F)
Ambient Operating Conditions	10 to 90% RH, 30°C (86°F) Maximum Dew Point
Ambient Storage Temperature	-40 to 70°C (-40 to 158°F)
Ambient Storage Conditions	5 to 95% RH, 30°C (86°F) Maximum Dew Point
Terminations	RJ-12 6-Pin Jack at Service Port (Covered by Removable Cap-Plug) SA Bus Connection on Back of Unit
Processor	Renesas® H8S-2398 32-bit Microprocessor
Memory	256 KB Flash Memory 8 KB Random Access Memory (RAM)
Operating System	RTOS-H8S
Network and Serial Interfaces	Communication to FX-PC Controller Over SA Bus
Graphic Display Resolution	240 x 64 Pixels with White LED Backlighting (Adjustable)

Table 3: FX-DIS Local Controller Display System Requirements

Dimensions (Height x Width x Depth)	85.9 x 238 x 25.8 mm (3-3/8 x 9-3/8 x 1.0 in.)
Housing	Plastic Housing Material: ABS + Polycarbonate Protection: IP20 (IEC60529)
Mounting (Height x Width)	Mount to the Outside of the Enclosure 70.5 x 216.5 mm (2-13/16 x 8-9/16 in.)
Compliance	**United States:**UL Listed, File E107041, CCN PAZX, UL 916, Energy Management Equipment FCC Compliant to CFR47, Part 15, Subpart B, Class A
	Canada:UL Listed, File E107041, CCN PAZX7, CAN/CSA C22.2 No. 205, Signal Equipment; Industry Canada Compliant, ICES-003
	Australia and New Zealand:C-Tick Mark, Australia/NZ Emissions Compliant
Shipping Weight	0.14 kg (0.3 lb)