

FX-DIS Local Controller Display

Description

The Facility Explorer Local Controller Display (FX-DIS) provides a local user interface for the Facility Explorer General Purpose Programmable Controllers (FX-PCGs) and the 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 — allows you to quickly view the current status of monitored points without logging on
- complete access to operating parameters and setpoints — allows you to conveniently view and change the controller's operating parameters and setpoints

- menu-based screen design — provides an intuitive user interface through the use of a simple keypad
- tactile-feel keypad — provides comfortable and durable keys
- Backlit Liquid Crystal Display (LCD) — displays information in easy-to-read, English text messages with constant backlight that brightens during user interaction. Contrast and brightness are adjustable to ensure excellent readability in low-light environments.
- customized user preferences — allow you to specify parameters such as password timeout and time/date format
- password protection (optional) — secures the display from unauthorized users
- easy panel installation — installs quickly and simply into the preformed cutout in a panel
- compatibility with all FX-PCVs and FX-PCGs models without integral displays — provides a user interface for controllers that lack an integral display



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Repair Information

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

Selection Charts

Ordering Information

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

Accessory (Order Separately)

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

FX-DIS Local Controller Display (Continued)

Technical Specifications

FX-DIS Local Controller Display		
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)	
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)	