

DIS1710 Local Controller Display Catalog Page

MS-DIS1710-0

Code No. LIT-1900446

Software Release 6.0

Issued January 30, 2013

Supersedes January 26, 2012

Refer to the [QuickLIT website](#) for the most up-to-date version of this document.

The DIS1710 Local Controller Display is a member of the Metasys® Field Equipment Controller family. It is a stand-alone display module installed on the front panel of an enclosure and connected to a Network Control Engine (NCE), Field Equipment Controller (FEC), or Advanced Application Field Equipment Controller (FAC).

The DIS1710 display provides a local user interface into the application running in the field controller. The display allows you to monitor and adjust setpoints, issue commands, change occupancy, and perform many other important tasks.

Refer to the *DIS1710 Local Controller Display Product Bulletin (LIT-12011273)* 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 LCD
- Customized User Preferences
- Password Protection (Optional)
- Easy Panel Installation
- Compatibility with All NCE, FEC, and FAC Models without Integral Displays

Figure 1: Local Controller Display



Applications

The DIS1710 Local Controller Display is designed for use with controllers without integral displays, including some NCE25, FEC16, FEC26, and FAC26 models. The display is installed on the front panel of the enclosure that houses the controller. You can commission the controller conveniently from the Field Controller/Sensor Actuator (FC/SA) Bus port on the front of the display without having to open the enclosure.

Note: The DIS1710 can be used on FAC family controllers; however, FAC schedules, real-time clock settings, trends, and intrinsic event logs are not accessible from the DIS1710 at Release 6.0.

Display features include a backlit LCD, easy-to-use keypad, and fast communication to the attached controller. You can conveniently adjust heating and cooling setpoints, view the room or outside air temperatures, select mode of operation (Day/Night), and much more.

Repair Information

If the DIS1710 Local Controller Display fails to operate within its specifications, replace the unit. For a replacement display, contact the nearest Johnson Controls® representative.

Table 1: DIS1710 Ordering Information

Product Code Number	Description
MS-DIS1710-0 ¹	MS-DIS1710-0 Local Controller Display

¹ Also available in a Buy American version (add a G after the code number). For repair parts, replace the -0 suffix with -702.

Table 2: Accessories (Order Separately)


Product Code Number	Description
MS-BTCVT-1	Wireless Commissioning Converter with Bluetooth® Technology

Technical Specifications

Table 3: DIS1710 Local Controller Display

Product Code Number	MS-DIS1710-0 Local Controller Display for Field Equipment Controllers
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

Table 3: DIS1710 Local Controller Display

Processor	Renesas® H8S-2398 16-bit microprocessor
Memory	256 KB Flash Memory 8 KB Random Access Memory (RAM)
Operating System	RTOS-H8S
Network and Serial Interfaces	Communication to 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 (3.4 x 9.37 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 (2.78 x 8.525 in.)
Shipping Weight	0.14 kg (0.3 lb)
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
	Europe: CE Mark – Johnson Controls, Inc., declares that this product is in compliance with the essential requirements and other relevant provisions of the EMC Directive 2004/108/EC.
	Australia and New Zealand: C-Tick Mark, Australia/NZ Emissions Compliant

The performance specifications are nominal and conform to acceptable industry standards. For application at conditions beyond these specifications, consult the local Johnson Controls office. Johnson Controls, Inc. shall not be liable for damages resulting from misapplication or misuse of its products.



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